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# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE,

## 1871-~~72~~80.

AND

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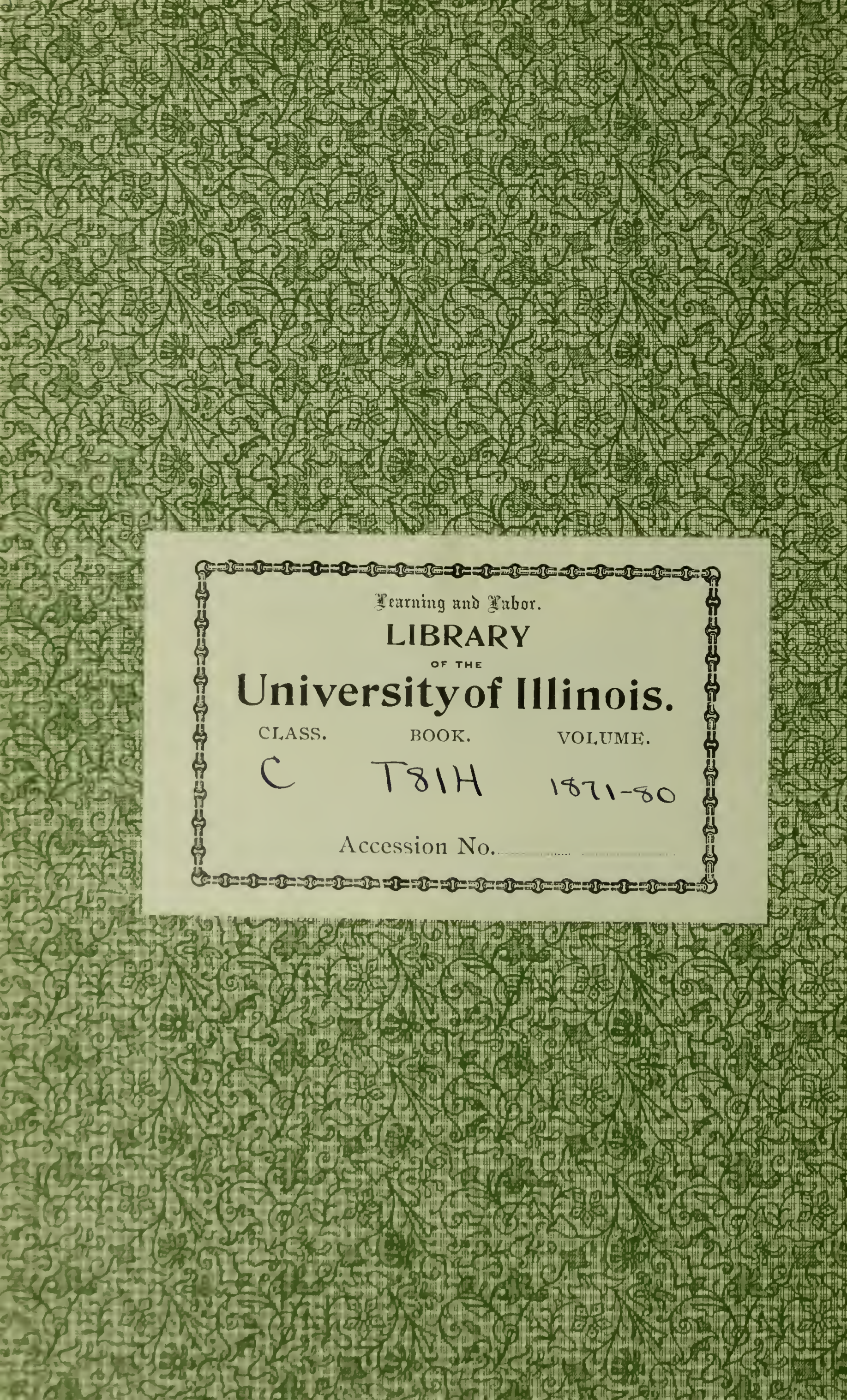

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# CATALOGUE

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## OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE.

## 1871–72.

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THOMAS H. ARMSTRONG, A.B.
CHARLES D. BRAY, C.E.

# STUDENTS.

## SENIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Cutter, Charles Kimball. | *East Somerville.* | West Hall, 10. |
| Harmon, Benjamin Franklin. | *Charlestown.* | West Hall, 8. |
| Hawes, Frank Mortimer. | *North Somerville.* | West Hall, 10. |
| Knight, George Thompson. | *South Windham, Me.* | East Hall, 13. |
| Knowlton, Franz Warren. | *Calais, Me.* | East Hall, 13. |
| McAllister, Alexander Graham. | *Wakefield.* | East Hall, 11. |
| Robson, Louis Eugene | *Melrose.* | East Hall, 11. |
| Russell, Charles Albert. | *Somerville.* | West Hall, 10. |
| Sutton, Silas Wright. | *Warwick, N. Y.* | West Hall, 4. |
| True, Edward Blanchard. | *South Windham, Me.* | West Hall, 9. |

## JUNIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Edgar Herbert. | *Shrewsbury, Vt.* | East Hall, 23. |
| Bailey, George Washington. | *Lawrence.* | East Hall, 30. |
| Bates, Charles Clement. | *Plymouth.* | West Hall, 17. |
| Davis, Hermon Gustavus. | *Hartland, Vt.* | East Hall, 28. |
| Farnsworth, Frederick Tudor. | *Springfield, Vt.* | East Hall, 25. |
| Hawthorne, Frank Warren. | *Bath, Me.* | East Hall, 6. |
| Hayward, Edward Farewell. | *Waltham.* | East Hall, 22. |
| Hogan, William Edgar. | *Bath, Me.* | |
| Knight, Charles Mellen. | *Dummerston, Vt.* | East Hall, 10. |
| Lawrence, William Moore. | *Janesville, Wis.* | West Hall, 16. |
| Pinkham, Henry Morris. | *South Boston.* | West Hall, 18. |
| Stetson, Albert. | *Cohasset.* | East Hall, 30. |
| White, Everett Park. | *Brookline.* | East Hall, 25. |
| White, Lloyd Everett. | *Norton.* | East Hall, 23. |
| Whitney, Elbert Watson. | *Waltham.* | East Hall, 22. |

### FOR THE DEGREE B. PH. [Second Class.]

| | | |
|---|---|---|
| Bennett, Andrew Jackson. | *Everett.* | West Hall, 12. |
| Guilbert, Albert Brock. | *Gwynedd, Pa.* | West Hall, 7. |

## SOPHOMORE CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Curley, Thomas. | *Felchville, Vt.* | East Hall, 16. |
| Davis, Louis Person. | *Somerville.* | East Hall, 2. |
| Eaton, Charles Henry. | *Boston.* | Mr. White's. |
| Eddy, Frederick William. | *Gloucester.* | East Hall, 26. |
| Mann, Isaac Curtis. | *Barre, Vt.* | West Hall, 15. |
| Priest, Henry. | *Mechanicsville, Vt.* | East Hall, 16. |
| Scott, Ernest Linden. | *Stoughton.* | East Hall, 6. |
| Tufts, George Julian. | *South Boston.* | West Hall, 5. |
| Whitney, George Barber. | *North Attleboro'.* | East Hall, 26. |
| Wood, Norman Perkins. | *Barnard, Vt.* | East Hall, 15. |
| Woodbridge, Warren Samuel. | *North Cambridge.* | East Hall, 2. |

### FOR THE DEGREE C. E. [Second Class.]

| | | |
|---|---|---|
| Fernald, George Locke. | *Medford.* | West Hall, 5. |
| Gray, Fred. | *Gardiner, Me.* | East Hall, 31. |
| Maxcy, Charles Herbert. | *Gardiner, Me.* | East Hall, 31. |

## FRESHMAN CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bailey, Wm. Lysander Cutler. | *Reading, Pa.* | East Hall, 8. |
| Beane, Fred Emery. | *Readfield, Me.* | East Hall, 4. |
| Beckwith, Walter Parker. | *Lempster, N. H.* | East Hall, 19. |
| Buck, Henry Chase. | *College Hill.* | East Hall, 1. |
| Conklin, Joseph Henry. | *Greenport, L. I.* | Mr. Perkins'. |
| Dillingham, Fred Augustine. | *North Auburn, Me.* | East Hall, 8. |
| Hastings, Jerome Fred. | *Waltham.* | West Hall, 6. |
| Headle, Edwin Charles. | *Mt. Holly, Vt.* | East Hall, 6. |
| Hubbard, Arthur Middleton. | *Middletown, Conn.* | East Hall, 19. |
| Hunt, George Horace. | *Oldtown, Me.* | East Hall, 15. |
| McClench, William Wallace. | *Chicopee.* | East Hall, 4. |
| Michael, Myron Jay. | *St. Johnsville, N. Y.* | East Hall, 14. |
| Morrison, William Harrison. | *Farmington, Me.* | East Hall, 5. |
| Spooner, Frank Arthur. | *Charlton.* | West Hall, 6. |
| Thombs, Arthur Parker. | *Belfast, Me.* | East Hall, 5 |

### FOR THE DEGREE OF C. E. [First Class.]

| | | |
|---|---|---|
| Baker, John Thomas. | *Brownington, Vt.* | East Hall, 1. |
| Senter, James Fernal. | *Portsmouth, N. H.* | East Hall, 27. |
| Whiton, John Metcalf. | *Rochester, Vt.* | |

### FOR THE DEGREE OF B. PH. [First Class.]

| | | |
|---|---|---|
| Allen, Charles Willard. | *Honesdale, Pa.* | Mr. Perkins'. |
| Bragg, Herman. | *Milford.* | |
| Draper, Josiah Everett. | *North Attleboro.* | |
| Dunham, Frederic. | *Deering, Me.* | East Hall, 10. |

# ADMISSION

## TO THE

## REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.*—Andrews' Latin Reader; Virgil's Bucolics, and six books of the Æneid; four books of Cæsar's Commentaries; six Orations of Cicero; Harkness' Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III.

*Greek.*—Felton's or Jacob's Greek Reader, or four books of Homer's Iliad, with three books of Xenophon's Anabasis; Sophocles', Crosby's or Kühner's Greek Grammar, including Prosody; Arnold's Greek Prose Composition; writing Greek with the Accents; Geography of Ancient Greece.

*Mathematics.*—Chase's Arithmetic; Algebra to Involution; Plane Geometry.

*Geography and History.*—Modern Geography; Mitchell's Ancient Atlas; Goodrich's History of the United States.

N. B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior year.

Examinations for admission will be held on the day after Commencement, and on the Tuesday preceding the beginning of the First Term. The examination will begin at 8 o'clock, A.M., on each of these days.

N. B.—No Applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition which has accrued in the previous Terms of the Regular Course, unless he comes from another College; provided, that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

No Student who has been dismissed shall be admitted again unless he pays the whole tuition of the interval; and tuition will be charged for no period less than a year.

The Degree of Master of Arts, is conferred on every Bachelor of Arts of three years' standing, or more,—who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,—on application to the President, one week at least, before Commencement.

The fee, including the Diploma, is five dollars, payable in advance.

# COURSE OF STUDY.

## FRESHMAN CLASS.

### *First Term.*

*Latin.*—Livy; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Homer's Odyssey; Xenophon; Isocrates; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Peirce's Geometry.

*Rhetoric.*—Haven's; Themes; Declamations.

*Physiology.*—Lectures.

*Roman History.*

*Lectures on the Geography and Topography of Ancient Greece.*

### *Second Term.*

*Latin.*—Horace,—Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Herodotus; Thucydides; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Loomis's Algebra.

*Roman History.*

*Rhetoric.*—Haven's; Bain's; Themes; Declamations.

*Lectures on the Geography and Topography of Ancient Greece.*

## SOPHOMORE CLASS.

### *First Term.*

*Latin.*—Satires and Epistles of Horace; Cicero de Officiis; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Demosthenes; Greek Prose Composition.

*Mathematics.*—Peirce's Plane and Spherical Trigonometry.

*Surveying*—with Practice.

*Rhetoric.*—Bain's; Whately's; Themes; Declamations.

*French.*—Otto's Grammar; Themes; La Petite Fadette.

### *Second Term.*

*Latin.*—Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Euripides; Sophocles; Æschylus; Greek Metres; Greek Prose Composition.

*Mathematics.*—Loomis's Analytical Geometry; Johnson's Analytical Geometry.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*French.*—Otto's Grammar; Themes and Dictations; Le Roi des Montagnes.

## JUNIOR CLASS.

### *First Term.*

*German.*—Otto's Grammar; Themes; Bilderbuch ohne Bilder; Benedix, Haustheater.

*Physics.*—Peck's Mechanics.

*Rhetoric.*—English Language and Literature; Themes; Original Declamations.

*Chemistry.*—Barker's—with Lectures.

And one of the following

#### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Geometry of Three Dimensions.

*Greek.*—Plato.

*Latin.*—Juvenal.

*French.*—Brachet, Grammaire Historique; Cinq-Mars; Dictations.

*Italian.*—Sauer's Grammar; Themes and Dictations; La Fiera.

## *Second Term.*

*Physics.*—Silliman's—with Lectures.

*Psychology.*—Porter's.

*German.*—Otto's Grammar; Dictations; Schiller, Maria Stuart; Goethe, Torquato Tasso.

*Botany.*—Gray's—with Lectures.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Chemistry.*—Barker's—with Lectures.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.*—Differential Calculus; Drafting.

*Rhetoric.*

*Greek.*—Plato.

*Latin.*—Cicero.

*French.*—Demogeot, Histoire de la Littérature Française; Racine, Athalie; Corneille, Le Cid; Molière, Le Bourgeois Gentilhomme.

*Italian.*—Sauer's Grammar; Themes; Manzoni, I Promessi Sposi.

## SENIOR CLASS.

## *First Term.*

*Political Economy.*—Perry's and Greeley's.

Butler's Analogy.

*Psychology.*—Porter's.

*Mineralogy.*—Dana's—with Lectures.
*Rhetoric.*—English Literature; Themes; Reading.
*Physics.*—Silliman's Optics—with Lectures.
*Lectures on Mercantile Usages.*

### ELECTIVE STUDIES.

*Mathematics.*—Integral Calculus; Mechanical and Architectural Drawing.
English Literature; Metaphysics.
*Greek, Latin, German, or Italian Language.*

## *Second Term.*

*Logic.*—Thomson's.
*Astronomy.*—Loomis's; Herschel's.
*Rhetoric.*—Themes; Forensics; Reading.
*Geology.*—Dana's—with Lectures.
*Moral Philosophy.*—Jouffroy's Introduction to Ethics.
*Lectures on Christian Evidences.*

### ELECTIVE STUDIES.

*Mathematics.*—Advanced Mechanics.
*Greek, Latin, German, or Italian Language.*

## PHILOSOPHICAL COURSE.

This Special Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies two years. The following are the requisitions for admission. An examination must be well sustained in the Mathematics, Geography and History, required for the Collegiate Course, and in Geometry, Algebra, and English Grammar.

The Philosophical Course is as follows:—

## FIRST CLASS.

### *First Term.*

*Mathematics.*—Peirce's Plane and Spherical Trigonometry.

*Surveying*—with Practice.

*Inorganic Chemistry*—with Lectures.

*French.*—Otto's Grammar; Themes; La Petite Fadette.

*Rhetoric.*—Haven's; Themes; Declamations.

*Mineralogy.*—Dana's—with Lectures.

*Geology.*—Gray and Adams's—with Lectures.

### *Second Term.*

*Mathematics.*—Loomis's Analytical Geometry; Johnson's Analytical Geometry.

*Organic Chemistry*—with Lectures.

*French.*—Otto's Grammar; Themes and Dictations; Le Roi des Montagnes.

*Physics.*—Silliman's—with Lectures.

*Psychology.*—Porter's.

*Botany.*—Gray's.

*Rhetoric.*—Haven's; Bain's; English Language and Literature; Themes; Declamations.

## SECOND CLASS.

### *First Term.*

*Political Economy.*—Perry's and Greeley's.

Butler's Analogy.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Psychology.*—Porter's.

*Mathematics.*—Peck's Mechanics.

*Physics.*—Silliman's Optics—with Lectures.

*French.*—Brachet, Grammaire Historique; Cinq-Mars; Dictations.

*Lectures on Mercantile Usages.*

### Second Term.

*Moral Philosophy.*—Jouffroy's Introduction to Ethics.

*Astronomy.*—Loomis's ; Herschel's.

*Logic.*—Thomson's.

*Rhetoric.*—Themes; Forensics; Reading.

*French.*—Demogeot, Histoire de la Littérature Française ; Racine, Athalie ; Corneille, Le Cid ; Molière, Le Bourgeois Gentilhomme.

*Mathematics.*—Weisbach's Mechanics.

*Lectures on Christian Evidences.*

## ENGINEERING COURSE.

This course extends through three years, and is established for students who enter for the Degree of Civil Engineer.

The conditions of admission are the same as in the Philosophical Course.

### FIRST YEAR.

### First Term.

*Trigonometry.*—Plane and Spherical.

*Descriptive Geometry.*—Theory and Plates.

*Surveying.*—Theory with Elementary Practice.

*Drafting.*—Elementary Plane Problems.

*Chemistry.*—Inorganic—with Lectures.

*Rhetoric.*—Haven's ; Themes ; Declamations.

### Second Term.

*Conic Sections.*—Discussion of Straight Lines and Curves.

*Shades and Shadows.*—Theory and Plates.

*Surveying.*—Theory ; Compass Surveys.

*Drafting.*—Maps of Surveys ; Topographical Plans.

*Roads and Railroads.*—Theory and Practice of Construction.

*Chemistry.*—Organic—with Lectures.

*Rhetoric.*—Haven's ; Bain's ; Themes ; Declamations.

## SECOND YEAR.

### *First Term.*

*Calculus.*—Differentiation of Functions.

*Mechanics.*—Theory; Solids and Fluids.

*Drafting.*—Architectural and Mechanical.

*Field Engineering.*—Topographical and Levelling.

*Iron Manufacture.*—Reduction of Ores; Cast, Wrought, and Malleable Iron; Steel.

*French.*—Otto's Grammar; Themes; La Petite Fadette.

*Mineralogy.*—Dana's—with Lectures.

*Geology.*—Gray and Adams's—with Lectures.

### *Second Term.*

*Calculus.*—Integration of Functions.

*Mechanics.*—Applied—with Lectures on Construction.

*Astronomy.*—Descriptive; Physical; Practical.

*Field Engineering.*—Levelling for Sections.

*Drafting.*—Perspective; Structures.

*French.*—Otto's Grammar; Themes and Dictations; Le Roi des Montagnes.

## THIRD YEAR.

### *First Term.*

*Mechanics.*—Applied—with Lectures on Construction.

*Engineering.*—Theory—with examples in Construction.

*Drafting.*—Finished, Half-finished, and Working Drawings.

*Field Engineering.*—Location of Works; Staking out for Construction.

*Steam Engine.*—Theory and Construction of Engines and Boilers.

*Political Economy.*—Perry's and Greeley's.

Butler's Analogy.

### *Second Term.*

*Engineering.*—Principles and Practice.

*Construction.*—Engineering and Architectural Works.

*Field Engineering.*—Location of Works; Staking out for Construction.

*Drafting.*—Plans; Profiles; Sections.

*Blowpipe Analysis.*

*Moral Philosophy*—Jouffroy's Introduction to Ethics.

Notwithstanding the foregoing Special Courses of Instruction are offered to those who desire them, the full Collegiate Course is earnestly recommended to all who are prepared to enter upon it, and to all whose age, condition, and resources permit the making of preparation for it, whatever may be their intended course in life.

To all others, the one or the other of the Special Courses is commended as affording means of valuable discipline, and of a substantial practical education.

PUBLIC COLLEGE EXERCISES. — A Public Examination, in writing, of all the Classes is held, during not less than four days, twice a year. There is, also, in the Second Term of each year, a Public Exhibition, for which parts are assigned, chiefly to members of the Junior Class, according to their general Scale of Merit.

RELIGIOUS OBSERVANCES.—All resident Students and resident Officers of Instruction are required to attend Morning Prayers, and the Reading of the Scriptures, in the Chapel.

All Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend elsewhere.

RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the second Sunday of September, by either a Clergyman or a Layman, on the following subjects, in alternate years:—First; "The importance of Christian Faith and Belief in the formation of the character of the good citizen and good man." Second; "The sufficiency of the promises of the Gospel to meet the reasonable wants of man, both in time and in eternity."

## EXPENSES.

| | | | |
|---|---|---|---|
| Tuition, | per year, . . | $60.00 | $60.00 |
| Room-rent, from $15 to $30, | " " . . | 15.00 | 30.00 |
| Incidentals, | " " . . | 10.00 | 10.00 |
| Board, about $3.50 per week, | " " . . | 136.50 | 136.50 |
| Total, | | $221.50 | $236.50 |

Students board themselves in a Club at a price merely covering the cost. Washing, Fuel, &c., are procured at reasonable rates. Other expenses vary with the economy of each student. Bills for board are payable monthly. College charges for each Term—except the Second Term of the Senior year, the bills for which must be settled at least one day before Commencement,—are payable at the beginning of the succeeding Term. Students furnish their own rooms.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:—

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FOUR HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The PERKINS SCHOLARSHIP, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

ONE OTHER, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

THREE PRIZE SCHOLARSHIPS OF NATURAL HISTORY, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some one of the assigned branches from the three great departments of Natural History, with which these scholarships are respectively associated. The assignments for 1872, are Mineralogy, Entomology, and Ferns and Mosses. Each competitor is examined upon specimens which he has collected in the neighborhood, and has presented to the College. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

PACKARD FREE SCHOLARSHIPS.—In addition to the above, " ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, is not held to constitute any title to a second nomination.

APPOINTMENTS.—The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

GODDARD PRIZES.—In the Second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:—

A prize for the best Dissertation, by a member of the Senior

Class, on the following subject: The Influence of the last Decade on the Fortunes of the United States.

A prize for the best Greek Prose Translation, by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVII., beginning, "The fame of Gratian, before he had accomplished," and ending, "ministers of his favorite amusement"; to be freely translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of three Sections, beginning with the tenth in Chapter XXXIII. of Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's Office, by the 1st day of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Three other prizes from the same fund are assigned as follows: —

A Prize of *twenty dollars*, to the best Reader of the Senior Class.

A Prize of *twenty dollars*, to a member of the Junior Class for the best exhibition of improvement and skill in Elocution.

A Prize of *twenty dollars*, on the same conditions, to a member of the Sophomore Class.

The pieces to be read are placed in the hands of the Candidates on the day before the trial.

The selections for declamation must be approved by the Professor of Elocution.

The names of competitors for the prizes, both in Reading and Elocution, must be handed to the President at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior.*

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

# *Awards of 1871.*

The prizes for the last year were awarded as follows: —

*For Dissertation.*
(No Competition.)

*For Examination in Mathematics,*
To George Washington Bailey, of the Sophomore Class,
and Thomas Curley, of the Freshman Class.

*For Greek Prose,*
To Charles Kimball Cutter, of the Junior Class.

*For Latin Prose,*
(No Prize offered.)

*For Reading,*
(No Award to the Senior Class.)

*For Declamations,*
To Franklin Mortimer Hawes, of the Junior Class,
Lloyd Everett White, of the Sophomore Class,
and Albert Brock Guilbert, candidate
for the Degree of B. Ph., First Class.

*For Examination in Mineralogy,*
To Andrew Jackson Bennett, candidate for the Degree
of B. Ph., First Class.

*In Entomology,*
To Charles Albert Russell, of the Junior Class.

*In Ferns and Mosses,*
To Elbert Watson Whitney, of the Sophomore Class.

# DIVINITY SCHOOL.

## FACULTY.

Rev. ALONZO A. MINER, D.D., President.
*Professor of Christian Ethics.*

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.B., B.D.,
*Instructor in Psychology and Natural Theology.*

## LECTURERS.

Rev. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

Rev. A. ST. JOHN CHAMBRÉ, A.M.,
*Lecturer on Ecclesiastical History.*

Rev. E. C. BOLLES, Ph.D.,
*Lecturer on the Relations of Science to Christianity.*

# STUDENTS.

## SENIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Adams, John Colman, A.B. | *Lowell.* | Prof. Shipman's. |
| Drew, Edward Augustus, A.M. | *Franklin.* | West Hall, 17. |
| Hill, Nathan Southwick. | *Woonsocket, R. I.* | West Hall, 14. |
| Peck, Lowell Holbrook. | *Royalston.* | West Hall, 4. |

## MIDDLE CLASS.

| | | |
|---|---|---|
| Dearborn, William Hooper. | *South Weare, N. H.* | Prof. Marshall's. |
| Hanaford, Howard Alcott. | *New Haven, Conn.* | Mrs. Mapwell's. |
| Mason, Joseph Kimball. | *Charlestown.* | Mr. White's. |
| Nye, Selwyn Thatcher. | *Springfield.* | Mrs. Mapwell's. |
| Porter, George Judson. | *Brooklyn, Pa.* | West Hall, 2. |
| Russell, Byron Gustavus. | *New Haven, Conn.* | Dr. Sawyer's. |
| Sawyer, Royal Tyler. | *Mt. Holly, Vt.* | Mr. Merrill's |
| Spencer, John Elvin. | *Boston.* | West Hall, 3. |
| Weeks, Joseph Hatton, A.B. | *Provincetown.* | Prof. Dearborn's. |
| White, Wm. Alexander. | *Madison, Ind.* | West Hall, 2. |

## JUNIOR CLASS.

| | | |
|---|---|---|
| Aldrich, Randall Hosea. | *Jaffrey, N. H.* | West Hall, 2. |
| Burgess, Edwin Burnham. | *Wakefield.* | West Hall, 1. |
| Davis, Samuel Green. | *Reynoldsbury, Ohio.* | West Hall, 2. |
| Illman, Thomas W. | *Philadelphia, Pa.* | Dr. Sawyer's. |
| Peck, Ellery Elmer. | *Minaville, N. Y.* | East Hall, 14. |
| Pember, Elmer Frederick. | *Chester, Vt.* | West Hall, 2. |

## CONDITIONS OF MEMBERSHIP.

All candidates unknown to the Faculty must bring satisfactory testimonials of Christian character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry.

All Bachelors of Arts are admitted without examination. Other candidates for the full course are examined in those branches of learning which are usually taught in the best High Schools and Academies. It is earnestly recommended that all candidates be able to read some of the Latin Classical Authors, and the Greek text of the Gospels.

Students may be admitted to the School for a period not less than one year, and shall receive a Certificate stating the length of time they have studied.

Candidates for admission to an advanced standing are examined in all the studies which have been pursued by the Class they propose to enter.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

## DEGREE.

The Full Course for Candidates for the Degree of Bachelor of Divinity (B.D.) occupies three years for those who have passed through a regular Course of Academic Study; for all others, four years.

The School year is the same as in the Academical department. [See Calendar.]

# COURSE OF STUDY.

## FIRST YEAR.

### *First Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Grammar; Rhetorical Analysis; Themes.

*Old Testament.*—Introduction to the Study of the Jewish Scriptures; The Canon; Biblical Archæology.

*History.*—Biblical History and Geography.

### *Second Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Logic; Rhetorical Analysis; Themes.

*Logic.*—Relation of to Psychology; The Notion and the Proposition; Deduction.

*Old Testament.*—Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

*History.*—General History of the world before Christ; The Life of Christ in its several periods.

## SECOND YEAR.

### *First Term.*

*Rhetoric.*—Studies in English Oratory; Construction of Arguments; Written Criticisms.

*Logic.*—Induction; Definition.

*Mental Science.*—Relation of to Psychology; Presentation; Representation.

*New Testament.*—Introduction to the study of the Gospels; Principles of Interpretation.

*History.*—Ancient Church History; Recitations and Lectures.

### *Second Term.*

*Mental Science.*—Thought; Intuition.

*New Testament.*—Study of Greek from the Gospels; Exegesis of the Gospels; Acts of the Apostles studied exegetically and topically; Exegetical Essays by the Class.

*History.*—Modern Church History; Recitations and Lectures.

*Homiletics.*—History of Preaching; Analysis of a Sermon; Recitations and Lectures.

## THIRD YEAR.

### *First Term.*

*Moral Science.*—Relation of to Psychology; Facts of the Moral Nature; Ethical Systems.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*History.*—History of Doctrines; of Separate Church Organizations in Europe, America and the East.

*Homiletics.*—Recitations and Lectures; Analysis of Texts; Black-board Exercises in plans of Sermons.

*Christian Evidences.*—Historical Evidences of Christianity.

### *Second Term.*

*Moral Science.*—Theory of Ethics; Lectures on Christian Ethics.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology; Recitations and Lectures.

*Homiletics.*—Study of Sermons; Plans of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*—Discussion of Recent Theories; Lectures.

## FOURTH YEAR.

### *First Term.*

*Natural Theology.*—Sources and Definition of Natural Theology; Paley and Chadbourne, supplemented by Studies in Natural History.

*Theology.*—Systematic—Recitations and Lectures; Comparative Theology; Ethnic and Catholic Religions.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership, and Offices of the Church.

### *Second Term.*

*Natural Theology.*—Analogy of Nature and Religion; Mosaic and Geologic Records; Lectures on the Relations of Science to Christianity.

*Theology.*—Systematic Theology—Recitations and Lectures; Distinctive Doctrines of Universalism.

*Pastoral Theology.*—Pastoral Care; Ordinances of Worship—Sacraments and Public Prayer; Systematic Beneficence; The Christian Spirit and Life.

---

Students may receive instruction in the German and French Languages, and attend all public Lectures given in the Academical Department.

The members of the Middle and Senior Classes prepare sermons, and preach in turn in the Chapel. Criticisms in public and in private.

In each Department the Students write essays on the most important topics.

They also receive instruction in Elocution throughout the Course.

Devotional services are held daily in the Chapel; weekly evening meetings for conference and prayer.

## EXPENSES.

No expense is incurred for instruction or for use of Library. Expenses for board, room rent, &c., the same as in the Academical Department. [See page 21.]

## SCHOLARSHIPS.

Worthy young men who desire to enter the ministry and to pursue a course of study in the Divinity School, will be aided, when necessary, by the General Convention of Universalists. Their names will be kept from the public.

It is the plan of the Board of Trustees to render aid by a system of loans under the following

## RULES:

1. Each applicant for aid must present unexceptionable recommendations as to his moral and religious character. He must well sustain an examination in the following branches of learning: Rhetoric, Mental and Moral Science, and English Prose Composition. It is desirable, also, that he be acquainted with the Greek of the New Testament and with Logic. He shall make declaration of his desire and purpose to devote his life to the ministry of the Universalist Church, and affirm his acceptance of the Winchester Confession of Faith. It is only in view of such a desire and purpose that he is aided.

2. Each beneficiary shall give his obligation to repay the sums received by him in five annual instalments, without interest, dating from his graduation. He shall also agree to repay, with interest, all moneys received from the Board in case he fails to enter or continue in the Universalist ministry, or withdraws from study before the completion of the course, unless such failure or withdrawal be through no fault on his part. Such endorsement or security for his faithful compliance with these Rules shall be given as shall be satisfactory to the Board.

3. The Committee of the Board of Trustees may discontinue aid to any student when, for any reason, it may seem doubtful that he will be useful in the ministry.

4. The appropriation for each beneficiary shall not exceed one hundred and eighty dollars per year. It will be payable to the draft of the student on the Secretary, endorsed by the President or Principal of the school,—sixty dollars on the first day of October, January and April respectively.

5. The Principal of the school shall, at the end of each year, report to the Board of Trustees the standing of each student receiving aid, as to piety, talents, diligence, scholarship, prudence, health and general influence.

# VISITING COMMITTEES.

## Academic Department.

D. B. HAGER, A. M.,
Rev. C. J. WHITE, A. M.,
Rev. I. M. ATWOOD,
ADNA T. DENISON,
Rev. J. B. TORRICELLI,
Capt. H. B. MAGLATHLIN,
CHARLES GREENWOOD POPE, A. M.,
T. WILLIS PRATT.

## Divinity School.

Rev. T. B. THAYER, D. D.,
Rev. L. R. PAIGE, D. D.,
Rev. T. J. GREENWOOD,
Rev. BENTON SMITH,
Rev. A. B. HERVEY.

Committees are invited to visit the several departments of instruction at any time and without previous notice; also to inspect the papers at the Annual and Semi-Annual Examinations.

# CALENDAR.

THE ACADEMICAL YEAR IS DIVIDED INTO TWO TERMS OF TWENTY-ONE AND EIGHTEEN WEEKS RESPECTIVELY.

1871.

| | | |
|---|---|---|
| Sept. 7. | Term begins | Thursday morning. |
| Sept. 10. | Russell Lecture | Sunday, 4 P. M. |

*Recess from the Tuesday evening before Thanksgiving to the following Monday evening.*

1872.

| | | |
|---|---|---|
| Jan. 31. | First Term ends | Wednesday evening. |

WINTER VACATION, TWO WEEKS.

| | | |
|---|---|---|
| Feb. 15. | Second Term begins | Thursday morning. |
| May 22. | Commencement Parts assigned | Wednesday. |
| May 28. | Public Exhibition | Tuesday afternoon. |
| June 12. | Anniversary Divinity School | Wednesday. |
| June 16. | Baccalaureate Sermon | Sunday. |
| June 19. | Commencement last Wednesday but one in June. | |
| June 20. | Examination for Admission | Thursday, 8 A. M. |

SUMMER VACATION, ELEVEN WEEKS.

| | | |
|---|---|---|
| Sept. 3. | Second Examination for Admission, | Tuesday, 8 A. M. |
| Sept. 5. | First Term begins. | |

NOTE.—The *Woburn Centre* Trains leave the Depot of the Lowell Railroad, in Boston, and stop at College Hill Station. The College is four miles from Boston. Post-Office address, College Hill, Mass. The President should be addressed, Boston, Mass.

# CATALOGUS

## SENATUS ACADEMICI,

ET EORUM

QUI MUNERA ET OFFICIA GESSERUNT,

QUIQUE ALIQUO GRADU EXORNATI FUERUNT,

IN

# COLLEGIO TUFTENSI,

## MEDFORDIÆ,

IN

REPUBLICA MASSACHUSETTENSI.

---

BOSTONIÆ:
JOHANNES S. SPOONER, TYPOGRAPHO.
MDCCCLXXI.

# CONSPECTUS.

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# MONITUM.

Clericorum nomina Italicis literis imprimuntur.

E vita cesserunt stelligeri.

Hoc signum (†) notat eos qui pro patria bello civili militaverunt.

# SENATUS ACADEMICUS.

## PRÆSIDES.

| Accessus. | | Exitus. |
|---|---|---|
| 1853 | HOSEA BALLOU, 2dus, S. T. D., | 1861 |
| 1862 | ALPHONSUS AMES MINER, S. T. D. | |

## CURATORES.

| | | |
|---|---|---|
| 1852 | Oliverus Dean, M. D. | |
| 1852 | *Thomas Whittemore*, S. T. D., | 1861 |
| 1852 | Sylvanus Packard, | 1866 |
| 1852 | *Otis Ainsworth Skinner*, S. T. D., | 1857 |
| 1852 | Benjamin Mussey, | 1857 |
| 1852 | Israel Washburn. | |
| 1852 | Calvinus Gardner, | 1856 |
| 1852 | *Thomas Jefferson Greenwood.* | |
| 1852 | *Ludovicus Crebasa Browne*, | 1856 |
| 1852 | *Eli Ballou*, S. T. D., | 1868 |
| 1852 | *Hosea Ballou*, 2dus, S. T. D., Praeses, | 1861 |
| 1852 | Timotheus Cotting. | |
| 1852 | Ricardus Frothingham, A. M. | |
| 1852 | Phineas Taylor Barnum, | 1857 |
| 1852 | Thomas Crane. | |
| 1852 | Carolus Rogers, | 1868 |
| 1855 | *Alphonsus Ames Miner*, S. T. D., Praeses. | |
| 1855 | Abel Tompkins, | 1862 |
| 1856 | Thomas Augustinus Goddard, A. M., | 1868 |
| 1856 | Carolus Tufts. | |
| 1856 | Gardner Payne Drury, | 1858 |
| 1856 | Jacobus Otis Curtis. | |
| 1857 | *Thomas Balduinus Thayer*, S. T. D. | |

| | | |
|---|---|---|
| 1857 | *Guilielmus Henricus Ryder*, S. T. D., | 1860 |
| 1857 | Nathanael Adams. | |
| 1857 | Carolus Robinson. | |
| 1859 | *Lucius Robinson Paige*, S. T. D. | |
| 1860 | Edvardus Lawrence, | 1862 |
| 1862 | Timotheus Thompson Sawyer. | |
| 1862 | *Carolus Henricus Leonard*, A. M., | 1870 |
| 1868 | Newton Talbot. | |
| 1869 | *Elmer Hewett Capen*, | 1870 |

## THESAURARII.

| | | |
|---|---|---|
| 1854 | Benjamin Mussey, | 1856 |
| 1856 | Thomas Augustinus Goddard, A. M., | 1868 |
| 1868 | Ricardus Frothingham, A. M. | |

## PROFESSORES.

### *Historiæ et Metaphysicorum.*

| | | |
|---|---|---|
| 1853 | *Hosea Ballou*, 2dus, S. T. D., Praeses, | 1861 |

### *Mathesis et Physicorum.*

| | | |
|---|---|---|
| 1855 | Johannes Porter Marshall, A. M., | 1865 |

### *Linguæ et Literarum Latinarum.*

| | | |
|---|---|---|
| 1855 | Guilielmus Paley Drew, A. M., | 1857 |
| 1857 | Alpheus Augustus Keen, A. M., | 1864 |
| 1864 | Hemanus Allen Dearborn, A. M. | |

### *Linguæ et Literarum Græcarum.*

| | | |
|---|---|---|
| 1855 | Guilielmus Paley Drew, A, M., | 1857 |
| 1857 | Alpheus Augustus Keen, A. M., | 1860 |
| 1860 | Hieronymus Schneider, PH. D. | |

### *Rhetoricæ et Logicæ et Literarum Anglicarum.*

| | | |
|---|---|---|
| 1855 | Benjamin Franklin Tweed, A. M., | 1864 |
| 1864 | *Guilielmus Rollin Shipman*, A. M. | |

### *Philosophiæ Moralis et Politicæ Civilis.*

| | | |
|---|---|---|
| 1862 | *Alphonsus Ames Miner*, S. T. D., Praeses. | |

### *Chemiæ et Mineralogiæ et Geologiæ.*

| | | |
|---|---|---|
| 1865 | Johannes Porter Marshall, A. M. | |

### *Mathesis.*

| | | |
|---|---|---|
| 1865 | Benjamin Graves Brown A. M. | |
| 1868 | Benjamin Franklin Kinsman, A. M., *Præceptor*, | 1870 |

### *Historiæ.*

| | | |
|---|---|---|
| 1866 | Ricardus Frothingham, A. M., *Prælector.* | |

### *Linguarum Recentiorum.*

| | | |
|---|---|---|
| 1856 | Hieronymus Schneider, PH. D., *Præceptor*, | 1870 |
| 1870 | Carolus Ernestus Fay, A. B. | |

### *Elocutionis.*

| | | |
|---|---|---|
| 1866 | Moses True Brown, A. M. | |

### *Artis Machinalis.*

| | | |
|---|---|---|
| 1868 | Thomas Willis Pratt, *Præceptor*, | 1869 |
| 1869 | Carolus Durlin Bray. | |

### *Theologiæ Christianæ.*

| | | |
|---|---|---|
| 1869 | *Thomas Jefferson Sawyer*, S. T. D. | |

### *Sacræ Rhetoricæ et Theologiæ Pastoralis.*

| | | |
|---|---|---|
| 1869 | *Carolus Henricus Leonard*, A. M. | |

### *Musicæ.*

| | | |
|---|---|---|
| 1869 | Stephanus Brigham Ball, *Præceptor*, | 1870 |
| 1870 | Johannes Woodbury Adams, *Præceptor.* | |

## TUTORES.

| | | |
|---|---|---|
| 1861 | Benjamin Graves Brown, A. M., *Math. Prof.*, | 1865 |
| 1865 | Benjamin Franklin Kinsman, A. M., *Math. Præc.*, | 1868 |
| 1868 | Carolus Ernestus Fay, A. B., *Ling. Recent. Prof.*, | 1869 |
| 1869 | Thomas Henricus Armstrong, A. B. | |

## BIBLIOTHECARII.

| | | |
|---|---|---|
| 1857 | Alpheus Augustus Keen, | 1864 |
| 1864 | *Guilielmos Rollin Shipman.* | |

# ALUMNI.

## *1857.*

Hemanus Allen Dearborn, Mr., Ling. et Lit. Lat. Prof.
Guilielmus Newhall Eayres.
†*Harveius Hersey*, Mr.

## *1858.*

**Thomas Harris Angel.* *1858
†Benjamin Allen Hathaway, Mr.
†David Comstock Moore, M. D. Dart. 1860.
Augustus Edvinus Scott, Mr.
†Hermon Josephus Smith, M.D. Dart. 1866.
†*Josephus Crocker Snow*, Mr.
Edvardus Everett Spalding, Mr. Hamilt. 1868.
†*Henricus Bowers Walton. *1864
*Carolus J White*, Mr.

## *1859.*

†*Smith Goss Bailey. *1863
*Henricus Blanchard*, Mr.
†Henricus Bacon Brown, Mr.
†Seldenus Connor.
†Winsor Brown French, Mr.
†*Guilielmus Erastus Gibbs.*
Samuel Greely Hilborn.
Guilielmus Henricus Hobbs.
Robertus Fowler Leighton, Mr.
†Obed Chester Turner, M. D. Georgiopol. 1864.
*Andreas Jackson Weaver.*
Jarvis Sherman Wight, M. D. Coll. Nosocom. Ins. Long. 1864.

## *1860.*

*Elmer Hewett Capen*, Curator.
†Lorrin Low Dame, Mr.
*Jacobus Eastwood*, Mr.
Orville Hinckley.
Benjamin Hammond Hinds.
*Guilielmus Adams Johnson, Mr. *1864
†*Oliverus Hawkes Lowell. *1863
*Elam Porter. *1867
*Silas Bundy Rawson*, Mr.
Sidneius Sanders.
†Georgius Curtis Waldo, Mr.

## *1861.*

Henricus Willard Bragg.
Guilielmus Edgarus Cook, Mr.
Merritt B Coolidge.
Adna True Denison.
Guilielmus Freder. Eastwood.
*Franklin Carolus Flint*, Mr.
Carolus Scott Fobes, Mr.
†Johannes Wilkes Hammond.
†Philo Hersey.
Carolus Greenwood Pope, Mr.
*Jacobus Franklin Powers*, Mr.

## *1862.*

Jacobus Monroe Cook, Mr.
†*Elbridge Hazen Dearborn.
Edvinus Ginn, Mr. [*1864
Henricus Allan Hanson.
Albertus Green Longfellow.
Aaron Lovell, Mr.
†Eugenius Herveius Richards.
†*Guilielmus Augustus Start*,
†Albion Thorne, Mr. [Mr.
Nathanael Hosea Whittemore,

### 1863.

†Horatius Bisbee.
Jacobus Bartlett Brewster, M.D. Coll. Med. Valetudin. Bellev. 1866, A. O. M. Vindob. 1868.
Albertus Crane.
Carolus Herbertus Ellis, Mr.
Wyman Collins Fickett, Mr.
Edvardus Small Fickett, Mr.
Gilbertus Harmon, Mr.
Otis Henricus Johnson, M.D. Harv. 1866.
*Johannes Jay Lewis*, Mr.
†*Henricus Lyon. *1868
Thomas Vanderslice Miller.
†*Ludovicus Edvardus Monroe. *1864
Fredericus Cushing Nash.
Albertus Boyd Otis, LL. B. Harv. 1866.
Lucianus Bisbee Thompson, Mr., LL. B. Harv. 1867.

### 1864.

Johannes Henricus Claflin.
Edvardus Henricus Clement, Mr.
†Abner Crosby Fish.
†*Ezekiel Fitzgerald.*
Georgius Albertus Griffin.
Horatius Huntington Johnson, M.D. Alban. 1866.
Horatius Edvardus Morse.

### 1865.

†Jacobus Murray Baker, LL.B. Harv. 1867.
Erastus Crosby.
Melvinus Porter Frank.
Benjamin Franklin Kinsman, Mr., Tutor, Math. Præcept.
Horatius Perkins Makechnie, Mr.
Franciscus Alanson Nichols.
Franciscus Fullam Parker, M.D. Harv. 1869.

### 1866.

Stephanus Moulton Babcock.
Georgius Rensselaer Brown.
Howard Rice Burrington, Mr.
Lester Laurentius Burrington, Mr.
Alphonsus Holland Carvill, Mr., M.D. Harv. 1869.
Virgilius Guilford Curtis.
Carolus Calvinus Jenks.
Benjamin Franklin Martin.
Carolus Eaton Ridler, Mr.
*Edvinus Chapin Sweetser.*
Zebulon Ludovicus White.
*Guilielmus Penn White, Mr., M.D. Coll. Med. Valetudin, Bellev. 1869. *1870.

*Philosophiæ Baccalaureus.*

Jacobus Madison Shoemaker.

### 1867.

Enochus Freeman Bradford, M.D. Harv. 1869.
Henricus Guilielmus Cory.
Edvardus Augustus Drew, Mr.
*Edvardus Everett Edgerly.
Byron Groce, Mr. [*1869
*Georgius Milford Harmon.*
†Ephraimus Dana Howe.
Hosea Morrill Knowlton.
Philippus Johnson Larrabee.
†*Edvardus Albertus Perry.*
Guilielmus Waldemar Spaulding.

*Philosophiæ Baccalaurei.*

Gaius Leonardus Halsey.
Andreas Robinson Winslow.

### 1868.

Jacobus Emery.
Carolus Ernestus Fay, Tutor, Ling. Recent. Prof.
Johannes Wesley Freese, Mr.
†Rolandus Hammond, Mr.
Jacob Nelson Norton, Mr.
Carolus Peabody.
*Wellington Sisson.*
Samuel Tucker, Mr.
Wilmot Lillius Warren.
Thomas Whittemore.

*Philosophiæ Baccalaurei.*

Georgius Pincom Bartlett.
Carolus Justinus McKenzie.

### 1869.

Thomas Henricus Armstrong, Tutor.
Carolus Guilielmus Burton.
Addison Connor.
Francus Burgess Cornell.
Arthurus Elmer Denison.
Taylor Barnum Fletcher.
Henricus Smith Noble, M. D. Coll. Med. et Chir. Nov. Ebor. 1871. [D. B.
*Guilielmus Henricus Ryder,*
Guilielmus Freeman Southard.
Carolus Warren Sumner.
*Guilielmus Georgius Tousey,* [D. B.

*Philosophiæ Baccalaurei.*

Taber Ashton.
Thomas Benton Clement.
Altonus Leslius Dickerman.
Stephanus Minot Pitman.
Fredericus Howard White.

### 1870.

Johannes Colman Adams.
Franciscus Almon Bolles.
Samuel Horton Brown.
Guilielmus Bradford French.
Samuel Keniston.
Carolus Carroll O'Brion.
Carolus Barstow Southard.
Jonathan Merle Teele.
Minton Warren.

*Philosophiæ Baccalaurei.*

Arthurus Madison Dodge.
Georgius Barthram Harris.
Warren Thompson.

### 1871.

Josephus Oliverus Burdett.
Johannes Lambertus Coffin.
Josephus Sargent Dunham.
Henricus Franciscus Harris.
Wallace Mayo
Guilielmus Cowan Prescott.
Josephus Pease Sheafe.
Josephus Hatton Weeks.

*Philosophiæ Baccalaureus.*

Thomas Stafford Davis.

## DIVINITATIS BACCALAUREI.

### 1871.

*Guilielmus Willis Hayward.*
*Guilielmus Henricus Ryder,* A. B.
*Guilielmus Georgius Tousey,* A.B.

# HONORARII.

### *1858.*

**Thomas Whittemore*, S. T. D. *1861

### *1859.*

*Guilielmus Riley French*, Mr.

### *1860.*

*Johannes Chapman Porter, Mr. *1863

### *1861.*

*Johannes Stetson Barry*, Mr.

*Ebenezer Fisher*, Mr., S. T. D. Lomb. 1862.

*Alphonsus Ames Miner*, Mr., S. T. D. Harv. 1863, Praeses.

*Lucius Robinson Paige*, Mr., Harv. 1850. S. T. D., S. H. S.

### *1863.*

**Sylvanus Cobb*, S. T. D. *1866

*Massena Goodrich*, Mr.

**Dolphus Skinner*, S.T.D.*1869

### *1864.*

**Day Kellogg Lee*, Mr. *1869

**Jacobus Wellington Putnam*, Mr. *1864

*Jacobus Partelow Weston*, S.T.D.

### *1865.*

Benjamin Graves Brown, Harv. 1858, Mr.

*Thomas Balduinus Thayer*, Mr. Harv. 1860, S. T. D.

### *1866.*

*Thomas Augustinus Goddard, Mr. *1868

### *1867.*

*Elbridge Gerry Brooks*, S. T. D.

Moses True Brown, Mr.

*Asa Saxe*, Mr., S. T. D. St. Laurent. Univ. 1870.

Timotheus Gerrish Senter, Mr.

*Benjamin Whittemore*, S. T. D.

### *1868.*

*Orren Perkins*, Mr.

### *1869.*

*Richmond Fiske*, S. T. D.

# INDEX.

*h* indicat Honorarios.

Adams
  1870 Johannes-Colman
Angel
  1858 Thomas-Harris
Armstrong
  1869 Thomas-Henricus
Ashton
  1869 Taber
Babcock
  1866 Stephanus-Moulton
Bailey
  1859 Smith-Goss
Baker
  1865 Josephus-Murray
Barry
  1861 Johannes-Stetson h
Bartlett
  1868 Georgius-Pincom
Bisbee
  1863 Horatius
Blanchard
  1859 Henricus
Bolles
  1870 Franciscus-Almon
Bradford
  1867 Enochus-Freeman
Bragg
  1861 Henricus-Willard
Brewster
  1863 Jacobus-Bartlett
Brooks
  1867 Elbridge-Gerry h
Brown
  1859 Henricus-Bacon
  1865 Benjamin-Graves h
  1870 Samuel-Horton
  1866 Georgius Rensselaer
  1857 Moses-True h
Burdett
  1871 Josephus-Oliverus
Burrington
  1866 Lester-Laurentius
  1866 Howard-Rice
Burton
  1869 Carolus-Guilielmus
Capen
  1860 Elmer-Hewett
Carvill
  1866 Alphonsus-Holland
Claflin
  1864 Johannes-Henricus
Clement
  1869 Thomas-Benton
  1864 Edvardus-Henricus
Cobb
  1863 Sylvanus h
Coffin
  1871 Johannes-Lambertus
Connor
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  1859 Seldenus
Cook
  1861 Guilielmus-Edgarus
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Coolidge
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Cornell
  1869 Francus-Burgess
Cory
  1867 Henricus-Guilielmus
Crane
  1863 Albertus
Crosby
  1865 Erastus
Curtis
  1866 Virgilius-Guilford
Dame
  1860 Lorrin-Low
Davis
  1871 Thomas-Stafford
Dearborn
  1857 Hemanus-Allen
  1861 Elbridge-Hazen
Denison
  1866 Arthurus-Elmer
  1861 Adna-True
Dickerman
  1869 Altonus-Leslius
Dodge
  1870 Arthurus-Madison

Drew
- 1867 Edvardus-Augustus

Dunham
- 1871 Josephus-Sargent

Eastwood
- 1861 Guilielmus-Fredericus
- 1860 Jacobus

Eayers
- 1857 Guilielmus-Newhall

Edgerly
- 1867 Edvardus-Everett

Ellis
- 1863 Carolus-Herbertus

Emery
- 1868 Jacobus

Fay
- 1868 Carolus-Ernestus

Fickett
- 1863 Wyman-Collins
- 1863 Edvardus-Small

Fish
- 1864 Abner-Crosby

Fisher
- 1862 Ebenezer h

Fiske
- 1869 Richmond h

Fitzgerald
- 1864 Ezekiel

Fletcher
- 1869 Taylor-Barnum

Flint
- 1861 Franklin-Carolus

Fobes
- 1861 Carolus-Scott

Frank
- 1865 Melvinus-Porter

Freese
- 1868 Johannes Wesley

French
- 1870 Guilielmus-Bradford
- 1859 Winsor-Brown
- 1859 Guilielmus-Riley h

Gibbs
- 1859 Guilielmus-Erastus

Ginn
- 1862 Edvinus

Goddard
- 1866 Thomas-Augustinus h

Goodrich
- 1863 Massena h

Griffin
- 1864 Georgius-Albertus

Groce
- 1867 Byron

Halsey
- 1867 Gaius-Leonardus

Hammond
- 1861 Johannes-Wilkes
- 1868 Rolandus

Hanson
- 1862 Henricus-Allan

Harmon
- 1863 Gilbertus
- 1867 Georgius-Milford

Harris
- 1867 Georgius-Barthram
- 1870 Henricus-Franciscus

Hathaway
- 1858 Benjamin-Allen

Hayward
- 1871 Guilielmus-Willis

Hersey
- 1857 Harveius
- 1861 Philo

Hilborn
- 1859 Samuel-Greeley

Hinckley
- 1860 Orville

Hinds
- 1860 Benjamin-Hammond

Hobbs
- 1859 Guilielmus-Henricus

Howe
- 1867 Ephraimus-Dana

Jenks
- 1866 Carolus-Calvinus

Johnson
- 1860 Guilielmus-Adams
- 1863 Otis-Henricus
- 1864 Horatius-Huntington

Keniston
- 1870 Samuel

Kinsman
- 1865 Benjamin-Franklin

Knowlton
- 1867 Hosea-Morrill

Larrabee
1867 Philippus-Johnson
Lee
1864 Day-Kellogg h
Leighton
1859 Robertus-Fowler
Lewis
1863 Johannes-Jay
Longfellow
1862 Albertus-Greene
Lovell
1862 Aaron
Lowell
1860 Oliverus-Hawkes
Lyon
1863 Henricus
Makechnie
1865 Horatius-Perkins
Martin
1866 Benjamin-Franklin
Mayo
1871 Wallace
McKenzie
1868 Carolus-Justinus
Miller
1863 Thomas-Vanderslice
Miner
1861 Alphonsus-Ames h
Monroe
1863 Ludovicus-Edvardus
Moore
1858 David Comstock
Morse
1864 Horatius-Edvardus
Nash
1863 Fredericus-Cushing
Nichols
1865 Franciscus-Alanson
Noble
1869 Henricus-Smith
Norton
1868 Jacob-Nelson
O'Brion
1870 Carolus-Carroll
Otis
1863 Albertus-Boyd

Paige
1861 Lucius-Robinson h
Parker
1865 Franciscus-Fullam
Peabody
1868 Carolus
Perkins
1868 Orren h
Perry
1867 Edvardus-Albertus
Pitman
1869 Stephanus-Minot
Pope
1861 Carolus-Greenwood
Porter
1860 Johannes-Chapman h
1860 Elam
Powers
1861 Jacobus-Franklin
Prescott
1871 Guilielmus-Cowan
Putnam
1864 Jacobus-Wellington h
Rawson
1860 Silas-Bundy
Richards
1862 Eugenius-Henricus
Ridler
1866 Carolus-Eaton
Ryder
1869 Guilielmus-Henricus
Sanders
1860 Sidneius
Saxe
1867 Asa h
Scott
1858 Augustus-Edvinus
Senter
1867 Timotheus-Gerrish h
Sheafe
1871 Josephus-Pease
Shoemaker
1866 Jacobus-Madison
Sisson
1868 Wellington

Skinner
1864 Dolphus h
Smith
1858 Hermon-Josephus
Snow
1858 Josephus-Crocker
Southard
1870 Carolus-Barstow
1869 Guilielmus-Freeman
Spalding
1858 Edvardus-Everett
Spaulding
1867 Guilielmus-Waldemar
Start
1862 Guilielmus-Augustus
Sumner
1867 Carolus-Warren
Sweetser
1866 Edvinus-Chapin
Teele
1870 Jonathan-Merle
Thayer
1865 Thomas-Balduinus h
Thompson
1863 Lucianus-Bisbee
1870 Warren
Thorne
1862 Albion
Tousey
1869 Guilielmus Georgius
Tucker
1868 Samuel
Turner
1859 Obed-Chester
Waldo
1860 Georgius-Curtis
Walton
1858 Henricus-Bowers
Warren
1868 Wilmot-Lillius
1870 Minton
Weaver
1859 Andreas-Jackson
Weeks
1871 Josephus–Hatton
Weston
1864 Jacobus–Partelow h
White
1871 Fredericus–Howard
1858 Carolus–J
1866 Zebulon–Ludovicus
1866 Guilielmus–Penn
Whittemore
1867 Benjamin h
1862 Nathanael–Hosea
1858 Thomas h
1868 Thomas
Wight
1859 Jarvis–Sherman
Winslow
1867 Andreas–Robinson

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A

# CATALOGUE

OF THE

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OF

# TUFTS COLLEGE.

1872-73.

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SILAS W. SUTTON, A.B.

# STUDENTS.

## SENIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Edgar Herbert. | *Shrewsbury, Vt.* | East Hall, 23. |
| Bailey, George Washington. | *Lawrence.* | East Hall, 11. |
| Bates, Charles Clement. | *Plymouth.* | Mid. Hall, 14. |
| Davis, Hermon Gustavus. | *Hartland, Vt.* | East Hall, 31. |
| Farnsworth, Frederick Tudor. | *Springfield, Vt.* | East Hall, 25. |
| Knight, Charles Mellen. | *Dummerston, Vt.* | West Hall, 1. |
| Lawrence, William Moore. | *Janesville, Wis.* | Mid. Hall, 16. |
| Pinkham, Henry Morris. | *South Boston.* | West Hall, 14. |
| Stetson, Albert. | *Cohasset.* | East Hall, 11. |
| White, Everett Park. | *Brookline.* | East Hall, 25. |
| White, Lloyd Everett. | *Norton.* | East Hall, 23. |
| Whitney, Elbert Watson. | *Waltham.* | East Hall, 22. |

### FOR THE DEGREE OF B. PH. [Second Class.]

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Dunham, Frederic. | *Deering, Me.* | West Hall, 1. |

### FOR THE DEGREE OF C. E. [Third Year.]

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Fernald, George Locke. | *Medford.* | Mr. Fernald's. |
| Gray, Fred. | *Gardiner, Me.* | West Hall, 5. |
| Maxcy, Charles Herbert. | *Gardiner, Me.* | West Hall, 5. |
| Russell, Charles Albert, A.B. | *Somerville.* | West Hall, 4. |

## JUNIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Allen, Charles Willard. | *Honesdale, Pa.* | West Hall, 16. |
| Curley, Thomas. | *Felchville, Vt.* | East Hall, 13. |
| Davis, Louis Person. | *Somerville.* | West Hall, 12. |
| Eaton, Charles Henry. | *Boston.* | West Hall, 11. |
| Eddy, Frederick William. | *Gloucester.* | West Hall, 13. |
| Mann, Isaac Curtis. | *Barre, Vt.* | Mid. Hall, 15. |
| Priest, Henry. | *Mechanicsville, Vt.* | East Hall, 13. |
| Scott, Ernest Linden. | *Stoughton.* | Mid. Hall, 17. |
| Tufts, George Julian. | *South Boston.* | Mid. Hall, 8. |
| Wood, Norman Perkins. | *Barnard, Vt.* | East Hall, 10. |
| Woodbridge, Warren Samuel. | *North Cambridge.* | West Hall, 12. |
| FOR THE DEGREE OF C. E. [Second Year.] | | |
| Gardner, Clarence Rhodolphus. | *Springfield.* | West Hall, 9. |
| Senter, James Fernal. | *Portsmouth, N. H.* | West Hall, 9. |

## SOPHOMORE CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bailey, Wm. Lysander Cutler. | *Reading, Pa.* | East Hall, 20. |
| Beane, Fred Emery. | *Readfield, Me.* | West Hall, 2. |
| Beckwith, Walter Parker. | *Lempster, N. H.* | East Hall, 19. |
| Buck, Henry Chase. | *College Hill.* | East Hall, 1. |
| Conklin, Joseph Henry. | *Greenport, L. I.* | West Hall, 6. |
| Dillingham, Fred Augustine. | *North Auburn, Me.* | East Hall, 14. |
| Hamm, William Franklin | *Portsmouth, N. H.* | East Hall, 1. |
| Hastings, Jerome Fred. | *Waltham.* | West Hall, 2. |
| Headle, Edwin Charles. | *Mt. Holly, Vt.* | East Hall, 20. |
| Hubbard, Arthur Middleton. | *Middletown, Conn.* | East Hall, 19. |
| Hunt, George Horace. | *Oldtown, Me.* | East Hall, 10. |
| McClench, William Wallace. | *Chicopee.* | East Hall, 2. |
| Michael, Myron Jay. | *St. Johnsville, N. Y.* | West Hall, 7. |
| Morrison, William Harrison. | *Farmington, Me.* | Dr. Sawyer's. |
| Spooner, Frank Arthur. | *Charlton.* | West Hall, 15. |
| Thombs, Arthur Parker. | *Belfast,* Me. | East Hall, 2. |

## FRESHMAN CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Luman Wallace. | *Shrewsbury, Vt.* | East Hall, 32. |
| Dwinell, Byron Lee. | *East Calais, Vt.* | West Hall, 10. |
| Eddy, Henderson Horatio. | *Watertown, N. Y.* | West Hall, 9. |
| Fletcher, Austin Barclay. | *Franklin.* | East Hall, 1. |
| French, Arthur Philip. | *Brunswick, Me.* | East Hall, 15. |
| Leonard, Claude Bassett. | *College Hill.* | Prof. Leonard's. |
| Ridlon, John Fred. | *Momence, Ill.* | West Hall, 10. |
| Sprague, Charles Albert. | *Augusta, Me.* | East Hall, 15. |
| Goldsmith, Charles Francis. | *Lynn.* | West Hall, 3. |
| Ruddell, Thomas Cicero. | *Philadelphia, Pa.* | East Hall, 28. |

### FOR THE DEGREE OF C. E. [First Year.]

| | | |
|---|---|---|
| Baker, John Thomas. | *Browningtou, Vt.* | East Hall, 27. |
| Simpson, Albert Adriance. | *Poughkeepsie, N. Y.* | East Hall, 8. |

### FOR THE DEGREE OF B. PH. [First Class.]

| | | |
|---|---|---|
| Graffam, Nelson Lemont. | *Turner, Me.* | East Hall, 14. |
| McAllister, Charles. | *Londonderry, N. H.* | East Hall, 8. |

# ADMISSION

## TO THE

## REGULAR COLLEGE COURSE.

APPLICANTS for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies :

*Latin.*—Andrews' Latin Reader; Virgil's Bucolics, and six books of the Æneid; four books of Cæsar's Commentaries; six Orations of Cicero; Harkness' Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III.

*Greek.*—Felton's or Jacob's Greek Reader, or four books of Homer's Iliad, with three books of Xenophon's Anabasis; Sophocles', Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents.

*Mathematics.*—Chase's Arithmetic; Algebra to Involution; Plane Geometry.

*Geography and History.*—Ancient and Modern Geography; Goodrich's History of the United States.

N.B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior year.

Examination for admission will be held on the day after Commencement, and on the Tuesday preceding the beginning of the First Term. The examination will begin at 8 o'clock, A.M., on each of these days.

N.B.—No Applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition which has accrued in the previous Terms of the Regular Course, unless he comes from another College; provided, that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

No Student who has been dismissed shall be admitted again unless he pays the whole tuition of the interval; and tuition will be charged for no period less than a year.

The Degree of Master of Arts, is conferred on every Bachelor of Arts of three years' standing, or more,—who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,—on application to the President, one week at least, before Commencement.

The fee, including the Diploma, is five dollars, payable in advance.

# COURSE OF STUDY.

## FRESHMAN CLASS.

### *First Term.*

*Latin.*—Livy; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Homer's Odyssey; Xenophon; Isocrates; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Peirce's Geometry.

*Rhetoric.*—Bain's; Themes; Declamations.

*Roman History.*

*Lectures on the Geography and Topography of Ancient Greece.*

### *Second Term.*

*Latin.*—Horace,—Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Herodotus; Thucydides; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Loomis's Algebra.

*Roman History.*

*Rhetoric.*—Bain's; Themes; Declamations.

*Lectures on the Geography and Topography of Ancient Greece.*

*Physiology.*—Lectures.

## SOPHOMORE CLASS.

### *First Term.*

*Latin.*—Satires and Epistles of Horace; Cicero de Officiis; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Demosthenes; Greek Prose Composition.

*Mathematics.*—Olney's Trigonometry.

*Surveying*—with Practice.

*Rhetoric.*—Whately's; Themes; Declamations.

*French.*—Plœtz' Grammar; Dictations; Les Maîtres Mosaïstes.

## *Second Term.*

*Latin.*—Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Euripides; Sophocles; Æschylus; Greek Metres; Greek Prose Composition.

*Mathematics.*—Olney's General Geometry and Calculus.

*Rhetoric.*—Whately's English Language and Literature; Themes; Declamations.

*French.*—Plœtz, Grammaire Française (basée sur le latin); Les Maîtres Mosaïstes; Le Roi des Montagnes.

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## JUNIOR CLASS.

## *First Term.*

*German.*—Otto's Grammar; Themes; Evans' Reader; Das Wirthshaus zu Cransac.

*Physics.*—Peck's Mechanics.

*Rhetoric.*—English Language and Literature; Themes; Original Declamations.

*Chemistry.*—Barker's—with Lectures.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Geometry of Three Dimensions.

*Greek.*—Plato.

*Latin.*—Juvenal.

*French.*—Brachet, Grammaire Historique; Cinq-Mars; Dictations.

## *Second Term.*

*Physics.*—Ganot's with Lectures.

*Psychology.*—Porter's.

*German.*—Whitney's Grammar; Dictations; Schiller, Maria Stuart; Goethe, Torquato Tasso.

*Botany.*—Gray's—with Lectures.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Chemistry.*—Barker's—with Lectures.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.*—Differential Calculus; Drafting.

*Rhetoric.*

*Greek.*—Plato.

*Latin.*—Cicero.

*French.*—Demogeot, Histoire de la Littérature Française; Racine, Athalie; Corneille, Le Cid; Molière, Le Bourgeois Gentilhomme.

*Italian.*—Sauer's Grammar; Themes; Nota, La Fiera; Manzoni, I Promessi Sposi.

## SENIOR CLASS.

## *First Term.*

*Political Economy.*—Bowen's, Perry's, and Greeley's.

Butler's Analogy.

*Psychology.*—Porter's.

*Logic.*—Thomson's.

*Mineralogy.*—Dana's—with Lectures.
*Rhetoric.*—English Literature; Themes; Reading.
*Physics.*—Silliman's Optics—with Lectures.
*Lectures on Mercantile Usages.*

ELECTIVE STUDIES.

*Mathematics.*—Integral Calculus; Mechanical and Architectural Drawing.
English Literature; Metaphysics.
*Greek, Latin, French, German, or Italian Language.*

## *Second Term.*

*Logic.*—Induction.
*Astronomy.*—Loomis's; Herschel's.
*Rhetoric.*—Themes; Forensics; Reading.
*Geology.*—Dana's—with Lectures.
*Moral Philosophy.*—Jouffroy's Introduction to Ethics.
*Lectures on Christian Evidences.*

ELECTIVE STUDIES.

*Mathematics.*—Advanced Mechanics.
*Greek, Latin, French, German, or Italian Language.*

## PHILOSOPHICAL COURSE.

This Special Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies two years. The following are the requisitions for admission. An examination must be well sustained in the Geography, History, and Arithmetic, required for the Collegiate Course, and in Geometry, Algebra, and English Grammar.

The Philosophical Course is as follows:—

## FIRST CLASS.

### *First Term.*

*Mathematics.*—Olney's Trigonometry.

*Surveying*—with Practice.

*Chemistry*—with Lectures.

*French.*—Plœtz' Grammar; Dictations; Les Maîtres Mosaïstes.

*Rhetoric.*—Bain's; Themes; Declamations.

*Mineralogy.*—Dana's—with Lectures.

### *Second Term.*

*Mathematics.*—Olney's General Geometry and Calculus.

*Chemistry*—with Lectures.

*French.*—Plœtz, Grammaire Française; Les Maîtres Mosaïstes; Le Roi des Montagnes.

*Physics.*—Ganot's—with Lectures.

*Psychology.*—Porter's.

*Botany.*—Gray's.

*Rhetoric.*—Bain's; English Language and Literature; Themes; Declamations.

*Geology.*—Dana's—with Lectures.

## SECOND CLASS.

### *First Term.*

*Political Economy.*—Bowen's, Perry's, and Greeley's.

Butler's Analogy.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Psychology.*—Porter's.

*Logic.*—Thomson's.

*Mathematics.*—Peck's Mechanics.

*Physics.*—Silliman's Optics—with Lectures.

*French.*—Brachet, Grammaire Historique; Cinq-Mars; Dictations.

*Lectures on Mercantile Usages.*

### *Second Term.*

*Moral Philosophy.*—Jouffroy's Introduction to Ethics.

*Astronomy.*—Loomis's; Herschel's.

*Logic.*—Induction.

*Rhetoric.*—Themes; Forensics; Reading.

*French.*—Demogeot, Histoire de la Littérature Française; Racine, Athalie; Corneille, Le Cid; Molière, Le Bourgeois Gentilhomme.

*Mathematics.*—Weisbach's Mechanics.

*Lectures on Christian Evidences.*

## ENGINEERING COURSE.

This course extends through three years, and is established for students who enter for the Degree of Civil Engineering.

The conditions of admission are the same as in the Philosophical Course.

### FIRST YEAR.

### *First Term.*

*Trigonometry.*—Plane and Spherical.

*Descriptive Geometry.*—Theory and Plates.

*Surveying.*—Theory with Elementary Practice.

*Drafting.*—Elementary Plane Problems.

*Chemistry*—with Lectures.

*Rhetoric.*—Bain's; Themes; Declamations.

### *Second Term.*

*Conic Sections.* — Discussion of Straight Lines and Curves.

*Shades and Shadows.*—Theory and Plates.

*Surveying.*—Theory; Compass Surveys.

*Drafting.*—Maps of Surveys; Topographical Plans.

*Roads and Railroads.*—Theory and Practice of Construction.

*Chemistry*—with Lectures.

*Rhetoric.*—Bain's; Themes; Declamations.

## SECOND YEAR.

### *First Term.*

*Calculus.*—Differentiation of Functions.

*Mechanics.*—Theory; Solids and Fluids.

*Drafting.*—Architectural and Mechanical.

*Field Engineering.*—Topographical and Levelling.

*Iron Manufacture.*—Reduction of Ores; Cast, Wrought, and Malleable Iron; Steel.

*French.*—Plœtz' Grammar; Dictations; Les Maîtres Mosaïstes.

*Mineralogy.*—Dana's—with Lectures.

*Rhetoric.*—Declamation.

### *Second Term.*

*Calculus.*—Integration of Functions.

*Mechanics.*—Applied—with Lectures on Construction.

*Astronomy.*—Descriptive; Physical; Practical.

*Field Engineering.*—Levelling for Sections.

*Drafting.*—Perspective; Structures.

*Geology.*—Dana's—with Lectures.

*French.*—Plœtz, Grammaire Française; Themes; Les Maîtres Mosaïstes; Le Roi des Montagnes.

*Rhetoric.*—Declamation.

## THIRD YEAR.

### *First Term.*

*Mechanics.*—Applied—with Lectures on Construction.

*Engineering.*—Theory—with examples in Construction.

*Drafting.*—Finished, Half-finished, and Working Drawings.

*Field Engineering.*—Location of Works; Staking out for Construction.

*Steam Engine.*—Theory and Construction of Engines and Boilers.

*Political Economy*—Bowen's, Perry's, and Greeley's.

*Rhetoric.*—Reading.

Butler's Analogy.

### *Second Term.*

*Engineering.*—Principles and Practice.

*Construction.*—Engineering and Architectural Works.

*Field Engineering.*—Location of Works; Staking out for Construction.

*Drafting.*—Plans; Profiles; Sections.

*Blowpipe Analysis.*

*Moral Philosophy.*—Jouffroy's Introduction to Ethics.

*Rhetoric.*—Reading.

Notwithstanding the foregoing Special Courses of Instruction are offered to those who desire them, the full Collegiate Course is earnestly recommended to all who are prepared to enter upon it, and to all whose age, condition and resources permit the making of preparation for it, whatever may be their intended course in life.

To all others, the one or the other of the Special Courses is commended as affording means of valuable discipline, and of a substantial practical education.

PUBLIC COLLEGE EXERCISES. — A Public Examination, in writing, of all the Classes is held, during not less than four days, twice a year.

RELIGIOUS OBSERVANCES.—All resident Students and resident Officers of Instruction are required to attend Morning Prayers, and the Reading of the Scriptures, in the Chapel.

All Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend elsewhere.

RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty and Students on the second Sunday of September, by either a Clergyman or a Layman, on the following subjects, in alternate years: — First; "The importance of Christian Faith and Belief in the formation of the character of the good citizen and good man." Second; "The sufficiency of the promises of the Gospel to meet the reasonable wants of man, both in time and in eternity."

LIBRARY.—The Library contains upwards of 13,000 volumes, including those of the Historical Society, and more than 5000 pamphlets.

CABINET.—The collection of Minerals embraces many thousand specimens, and is especially rich in rare and beautiful crystals.

The Geological collection includes most of the American and

European fossils and numerous casts, together with series of rocks, illustrating the several Formations.

The collection of Shells numbers more than ten thousand individuals representing over two thousand species.

There are also included in the Cabinet fine collections of Meteorites, Stuffed birds, and Botanical specimens.

## EXPENSES.

| | | | |
|---|---|---|---|
| Tuition, | per year, . . | $60.00 | $60.00 |
| Half Room-rent, from $15 to $37.50 | " . . | 15.00 | 37.50 |
| Incidentals, | " . . | 10.00 | 10.00 |
| Board, about $3.50 per week, | " . . | 136.50 | 136.50 |
| | Total, | $221.50 | $244.00 |

Students board themselves in a Club at a price merely covering the cost. Washing, Fuel, &c., are procured at reasonable rates. Other expenses vary with the economy of each student. Bills for board are payable monthly. College charges for each Term—except the Second Term of the Senior year, the bills for which must be settled at least one day before Commencement,—are payable at the beginning of the succeeding Term. Students furnish their own rooms.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:—

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FOUR HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R.I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The PERKINS SCHOLARSHIP, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

ONE OTHER, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

THREE PRIZE SCHOLARSHIPS OF NATURAL HISTORY, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. The assignment for 1873, is Mineralogy. Each competitor is examined upon specimens which he has collected in the neighborhood, and has presented to the College. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

PACKARD FREE SCHOLARSHIPS.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, is not held to constitute any title to a second nomination.

APPOINTMENTS.—The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the

applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

Goddard Prizes.—In the Second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A prize for the best Dissertation, by a member of the Senior Class, on the following subject: Minority Representation.

A Prize for the best Greek Prose translation by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVII., beginning, "The orator, who may be silent without danger," and ending, "dignity of the Roman people"; to be translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the last seven Sections of Chapter XL. in Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Three other prizes from the same fund are assigned as follows:—

A Prize of *twenty dollars*, to the best Reader of the Senior Class.

A Prize of *twenty dollars*, to a member of the Junior Class for the best exhibition of improvement and skill in Elocution.

A Prize of *twenty dollars*, on the same conditions to a member of the Sophomore Class.

The pieces to be read are placed in the hands of the Candidates on the day before the trial.

The selections for declamation must be approved by the Professor of Elocution.

The names of competitors for the prizes, both in Reading and Elocution, must be handed to the President, at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior.*

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

## AWARDS OF 1872.

The prizes for the last year were awarded as follows:—

*For Dissertation.*

To ANDREW JACKSON BENNETT, candidate for the Degree of B. PH., First Class.

*For Examination in Mathematics.*

To GEORGE HORACE HUNT, of the Freshman Class.

*For Greek Prose.*

To Charles Clement Bates, of the Junior Class.

*For Latin Prose.*

To Warren Samuel Woodbridge, of the Sophomore Class, and Charles Henry Eaton.

*For Reading.*

To George Thompson Knight, of the Senior Class, and Albert Brock Guilbert, candidate for the Degree of B. Ph., Second Class.

*For Declamations.*

To William Moore Lawrence, of the Junior Class, and Warren Samuel Woodbridge, of the Sophomore Class.

*Packard Prizes.*

To George Thompson Knight, Senior Class.
Louis Eugene Robson, " "
Edgar Herbert Aldrich, Junior Class.
George Washington Bailey, " "
William Moore Lawrence, " "
Norman Perkins Wood, Sophomore Class.
George Horace Hunt, Freshman Class.
Myron Jay Michael, " "
William Harrison Morrison, " "
George Locke Fernald,
candidate for the Degree of C. E., Second Year.

# DIVINITY SCHOOL.

## FACULTY.

REV. ALONZO A. MINER, D.D., PRESIDENT.

REV. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

REV. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Instructor in Psychology and Natural Theology.*

## LECTURERS.

REV. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

REV. A. ST. JOHN CHAMBRÉ, A.M.,
*Lecturer on Ecclesiastical History.*

REV. E. C. BOLLES, PH.D.,
*Lecturer on the Relations of Science to Christianity.*

REV. E. H. CAPEN, A.M.,
*Lecturer on the Study of Language: its value to the Theological Student.*

# STUDENTS.

## FIRST YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Stiles, William Custus. | *Norway, Me.* | Mid. Hall, 11. |

## SECOND YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Randall Hosea. | *Jaffrey, N.H.* | West Hall. 30. |
| Burgess, Edwin Burnham. | *Wakefield.* | West Hall. 28. |
| Davis, Samuel Green. | *Reynoldsburg, O.* | West Hall. 26. |
| Hand, Harry Wells. | *Nunda, N.Y.* | Mid. Hall. 12. |
| Harmon, George Milford, A.B. | *College Hill.* | Mid. Hall. 9. |
| Illmann, Thomas W. | *Philadelphia, Pa.* | West Hall. 29. |
| Knight, George Thompson, A.B. | *S. Windham, Me.* | West Hall. 32. |
| Peck, Ellery Elmer. | *Minaville, N.Y.* | West Hall. 7. |
| Pember, Elmer Frederick. | *Chester, Vt.* | West Hall. 26. |
| Russell, Byron Gustavus. | *New Haven, Ct.* | West Hall. 21. |
| Sutton, Silas Wright, A.B. | *Warwick, N.Y.* | West Hall. 8. |
| White, Wm. Alexander. | *Madison, Ind.* | [absent.] |

## THIRD YEAR [present SENIOR CLASS.]

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Dearborn, William Hooper. | *South Weare, N.H.* | West Hall. 22. |
| Hanaford, Howard Alcott. | *New Haven, Ct.* | Dr. Sawyer's. |
| Hill, Nathan Southwick. | *Woonsocket, R.I.* | [absent.] |
| Mason, Joseph Kimball. | *Charlestown.* | West Hall. 23. |
| Sawyer, Royal Tyler. | *Mt. Holly, Vt.* | Dr. Sawyer's. |
| Spencer, John Elvin. | *Boston.* | West Hall. 25. |
| Weeks, Joseph Hatton, A.B. | *Provincetown.* | Prof. Dearborn's. |

## CONDITIONS OF MEMBERSHIP.

All candidates unknown to the Faculty must bring satisfactory testimonials of Christian character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry.

All Bachelors of Arts are admitted without examination. Other candidates for the full course are examined in those branches of learning which are usually taught in the best High Schools and Academies. It is earnestly recommended that all candidates be able to read some of the Latin Classical Authors, and the Greek text of the Gospels.

Students may be admitted to the School for a period not less than one year, and shall receive a Certificate stating the length of time they have studied.

Candidates for admission to an advanced standing are examined in all the studies which have been pursued by the Class they propose to enter.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

## DEGREE.

The Full Course for Candidates for the Degree of Bachelor of Divinity (B.D.) occupies three years for those who have passed through a regular Course of Academic Study; for all others, four years.

The School year is the same as in the Academical department. [See Calendar.]

# COURSE OF STUDY.

## FIRST YEAR.

### *First Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Grammar; Rhetorical Analysis; Themes.

*Hebrew Language.*

*Old Testament.*—Introduction to the Study of the Jewish Scriptures; The Canon; Biblical Archæology.

*History.*—Biblical History and Geography.

### *Second Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Logic; Rhetorical Analysis; Themes.

*Logic.*—Relation of to Psychology; The Notion and the Proposition; Deduction.

*Hebrew Language.*—Select portions of the Old Testament in Hebrew.

*Old Testament.*—Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

*History.*—General History of the world before Christ; The Life of Christ in its several periods.

## SECOND YEAR.

### *First Term.*

*Rhetoric.*—Studies in English Oratory; Construction of Arguments; Written Criticisms.

*Logic.*—Induction; Definition.

*Mental Science.*—Relation of to Psychology; Presentation; Representation.

*German Language.*

*New Testament.*—Introduction to the study of the Gospels; Principles of Interpretation.

*History.*—Ancient Church History; Recitations and Lectures.

## *Second Term.*

*Mental Science.*—Thought; Intuition.

*German Language.*

*New Testament.*—Study of Greek from the Gospels; Exegesis of the Gospels; Acts of the Apostles studied exegetically and topically; Exegetical Essays by the Class.

*History.*—Modern Church History; Recitations and Lectures.

*Homiletics.*—History of Preaching; Analysis of the Sermon; Recitations and Lectures.

## THIRD YEAR.

## *First Term.*

*Moral Science.*—Relation of to Psychology; Facts of the Moral Nature; Ethical Systems.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*History.*—History of Doctrines; of Separate Church Organizations in Europe, America and the East.

*Homiletics.*—Recitations and Lectures; Analysis of Texts; Black-board Exercises in plans of Sermons.

*Christian Evidences.*—Recitations and Lectures.

## *Second Term.*

*Moral Science.*—Theory of Ethics; Lectures on Christian Ethics.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology; Recitations and Lectures.

*History.*—Modern Doctrines.

*Homiletics.*—Study of Sermons; Plans of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*—Discussion of Recent Theories; Lectures.

## FOURTH YEAR.

### *First Term.*

*Natural Theology.*—Sources and Definition of Natural Theology; Paley and Chadbourne, supplemented by Studies in Natural History.

*Theology.*—Systematic and Comparative Theology; Recitations and Lectures; Ethnic and Catholic Religions.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership, and Offices of the Church.

### *Second Term.*

*Natural Theology.*—Analogy of Nature and Religion; Mosaic and Geologic Records; Lectures on the Relations of Science to Christianity.

*Theology.*—Systematic Theology; Recitations and Lectures; Distinctive Doctrines of Universalism.

*Homiletics.*—Composition and Delivery of Sermons.

*Pastoral Theology.*—Pastoral Care; Ordinances of Worship—Sacraments and Public Prayer; Systematic Beneficence; The Christian Spirit and Life.

Students may receive instruction in the French Language, and attend all public Lectures given in the Academical Department.

The members of the Middle and Senior Classes prepare sermons, and preach in turn in the Chapel. Criticisms in public and in private.

In each Department the Students write essays on the most important topics.

Instruction in Elocution throughout the Course by Professor Moses T. Brown.

Devotional services are held daily in the Chapel; weekly evening meetings for conference and prayer.

## EXPENSES.

No expense is incurred for instruction or for use of library. Expenses for board, room rent, &c., the same as in the Academical Department. [See page 22.]

## SCHOLARSHIPS.

Worthy young men who desire to enter the ministry and to pursue a course of study in the Divinity School, will be aided, when necessary, by the General Convention of Universalists. Their names will be kept from the public.

It is the plan of the Board of Trustees to render aid by a system of loans under the following

## RULES:

1. Each applicant for aid must present unexceptionable recommendations as to his moral and religious character. He must well sustain an examination in the following branches of learning: Rhetoric, Mental and Moral Science, and English Prose Composition. It is desirable, also, that he be acquainted with the Greek of the New Testament and with Logic. He shall make declaration of his desire

and purpose to devote his life to the ministry of the Universalist Church, and affirm his acceptance of the Winchester Confession of Faith. It is only in view of such a desire and purpose that he is aided.

2. Each beneficiary shall give his obligation to repay the sums received by him in five annual instalments, without interest, dating from his graduation. He shall also agree to repay, with interest, all moneys received from the Board in case he fails to enter or continue in the Universalist ministry, or withdraws from study before the completion of the course, unless such failure or withdrawal be through no fault on his part. Such endorsement or security for his faithful compliance with these Rules shall be given as shall be satisfactory to the Board.

3. The Committee of the Board of Trustees may discontinue aid to any student when, for any reason, it may seem doubtful that he will be useful in the ministry.

4. The appropriation for each beneficiary shall not exceed one hundred and eighty dollars per year. It will be payable to the draft of the student on the Secretary, endorsed by the President, or Principal of the school,—sixty dollars on the first day of October, January and April respectively.

5. The Principal of the school shall, at the end of each year, report to the Board of Trustees the standing of each student receiving aid, as to piety, talents, diligence, scholarship, prudence, health and general influence.

# VISITING COMMITTEES.

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Rev. C. J. WHITE, A. M.,
Rev. I. M. ATWOOD,
ADNA T. DENISON, A. B.,
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## Divinity School.

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Rev. L. R. PAIGE, D. D.,
Rev. T. J. GREENWOOD,
Rev. BENTON SMITH,
Rev. A. B. HERVEY.

Committees are invited to visit the several departments of instruction at any time and without previous notice; also to inspect the papers at the Annual and Semi-Annual Examinations.

# CALENDAR.

THE ACADEMICAL YEAR IS DIVIDED INTO TERMS OF TWENTY-ONE AND EIGHTEEN WEEKS RESPECTIVELY.

1872.

| | | | |
|---|---|---|---|
| Sept. | 5. | Term begins | Thursday morning. |
| Sept. | 8. | Russell Lecture | Sunday, 4 P.M. |

*Recess from the Tuesday evening before Thanksgiving to the following Monday Evening.*

1873.

| | | | |
|---|---|---|---|
| Jan. | 29. | First Term ends. | Wednesday evening. |

WINTER VACATION, TWO WEEKS.

| | | | |
|---|---|---|---|
| Feb. | 13. | Second Term begins | Thursday morning. |
| May | 21. | Commencement Parts assigned | Wednesday. |
| June | 11. | Anniversary Divinity School | Wednesday. |
| June | 15. | Baccalaureate Sermon | Sunday. |
| June | 18. | Commencement last Wednesday | but one in June. |
| June | 19. | Examination for Admission | Thursday, 8 A.M. |

SUMMER VACATION, ELEVEN WEEKS.

| | | | |
|---|---|---|---|
| Sept. | 2 | Second Examination for Admission, | Tuesday, 8 A.M. |
| Sept. | 4. | First Term begins. | |
| Sept. | 7. | Russell Lecture | Sunday, 4 P.M. |

* * *

NOTE.—The *Woburn Centre* Trains leave the Depot of the Lowell Railroad, in Boston, and stop at College Hill Station. The College is four miles from Boston. Post-Office address, College Hill, Mass. The President should be addressed, Boston, Mass.

A

# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE.

1873-4.

BOSTON:
PRINTED BY JOHN S. SPOONER,
PROVINCE STREET.

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Rev. ELMER H. CAPEN, A.M., *Providence, R.I.*

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---

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*And Professor of Moral Philosophy and Political Economy.*

THOMAS J. SAWYER, D.D.,
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*Professor of Elocution.*

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*Walker Special Instructor in Mathematics.*

JOHN W. ADAMS,
*Instructor in Vocal Music.*

WILLIAM R. SHIPMAN, A.M.,
*Librarian.*

# FACULTY OF THE COLLEGE.

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JOHN P. MARSHALL, A.M.

JEROME SCHNEIDER, Ph. D.

HEMAN A. DEARBORN, A.M.

BENJAMIN G. BROWN, A.M.

WILLIAM R. SHIPMAN, A.M.

MOSES T. BROWN, A.M.

CHARLES E. FAY, A.M., *Secretary.*

CHARLES D. BRAY, A.M., C.E.

SILAS W. SUTTON, A.B.

# STUDENTS.

## SENIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Allen, Charles Willard. | *Honesdale, Pa.* | West Hall, 16. |
| Curley, Thomas. | *Felchville, Vt.* | East Hall, 23. |
| Davis, Louis Person. | *Somerville.* | West Hall, 12. |
| Eaton, Charles Henry. | *Boston.* | West Hall, 5. |
| Eddy, Frederick William. | *Gloucester.* | West Hall, 13. |
| Mann, Isaac Curtis. | *Barre, Vt.* | Mid. Hall, 15. |
| Priest, Henry. | *Mechanicsville, Vt.* | East Hall, 23. |
| Scott, Ernest Linden. | *Stoughton.* | Mid. Hall, 17. |
| Tufts, George Julian. | *South Boston.* | Mid. Hall, 8. |
| Wood, Norman Perkins. | *Barnard, Vt.* | East Hall, 11. |
| Woodbridge, Warren Samuel. | *North Cambridge.* | West Hall, 12. |
| FOR THE DEGREE OF C. E. [Third Year.] | | |
| Gardner, Clarence Rhodolphus. | *Springfield.* | West Hall, 9. |
| Senter, James Fernald. | *Portsmouth, N.H.* | West Hall, 9. |

## JUNIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bailey, Wm. Lysander Cutler. | *Reading, Pa.* | East Hall, 30. |
| Beane, Fred Emery. | *Readfield, Me.* | East Hall, 26. |
| Beckwith, Walter Parker. | *Lempster, N. H.* | |
| Buck, Henry Chase. | *College Hill.* | Mrs. Buck's. |
| Conklin, Joseph Henry. | *Greenport, L. I.* | West Hall, 14. |
| Dillingham, Fred Augustine. | *North Auburn, Me.* | East Hall, 25. |
| Hamm, William Franklin. | *Portsmouth, N.H.* | East Hall, 10. |
| Headle, Edwin Charles. | *Mt. Holly, Vt.* | East Hall, 10. |
| Hubbard, Arthur Middleton. | *Middletown, Conn.* | East Hall, 19. |
| Hunt, George Horace. | *Oldtown, Me.* | East Hall, 11. |
| McClench, William Wallace. | *Chicopee.* | East Hall, 18. |
| Michael, Myron Jay. | *St. Johnsville, N. Y.* | West Hall, 7. |
| Morrison, William Harrison. | *Farmington, Me.* | East Hall, 13. |
| Spooner, Frank Arthur. | *Charlton.* | West Hall, 15. |
| Thombs, Arthur Parker. | *Belfast, Me.* | East Hall, 18. |
| FOR THE DEGREE OF C. E. [Second Year.] | | |
| Baker, John Thomas. | *Brownington, Vt.* | East Hall, 14. |
| Simpson, Albert Adriance. | *Poughkeepsie, N. Y.* | East Hall, 13. |

## SOPHOMORE CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Luman Wallace. | *Shrewsbury, Vt.* | East Hall, 31. |
| Dwinell, Byron Lee. | *East Calais, Vt.* | West Hall, 5. |
| Eddy, Henderson Horatio. | *Watertown, N. Y.* | West Hall, 4. |
| Fletcher, Austin Barclay. | *Franklin.* | East Hall, 22. |
| French, Arthur Philip. | *Brunswick, Me.* | Mid. Hall, 16. |
| Leonard, Claude Bassett. | *College Hill.* | Prof. Leonard's. |
| Ridlon, John Fred. | *Momence, Ill.* | West Hall, 1. |
| Sprague, Charles Albert. | *Augusta, Me.* | East Hall, 31. |
| Woodbury, David Morse. | *Bethel, Vt.* | Mid. Hall, 9. |
| FOR THE DEGREE OF C. E. [First Year.] | | |
| Bailey, Edwin Chapin. | *Reading, Pa.* | East Hall, 30. |
| Bowen, Eugene Bucklin. | *Cheshire.* | West Hall, 2. |
| Cook, Henry Wayland. | *Worcester.* | West Hall, 2. |
| Gilpatrick, John Brisbon. | *Granger, N. Y.* | Mid. Hall, 7. |
| FOR THE DEGREE OF B. PH. [First Class.] | | |
| Lovell, George Farwell. | *Rockingham, Vt.* | West Hall, 1. |
| Nagai, Kew Ichyro. | *Owari, Japan.* | Prof. Dearborn's. |

## FRESHMAN CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bill, George Edwin. | *Waltham.* | East Hall, 16. |
| Branch, Philip Nowell. | *Manchester, N.H.* | West Hall, 11. |
| Brown, Daniel Rollins. | *Salem.* | West Hall, 10. |
| Churchill, Clarence Elmore. | *Nashua, N.H.* | East Hall, 2. |
| Harrington, Frank Bishop. | *Salem.* | West Hall, 10. |
| Hooper, William Leslie. | *Annisquam.* | East Hall, 8. |
| Jordan, Charles Morrison. | *Lincoln Centre, Me.* | East Hall, 19. |
| Lyford, James Otis. | *Shaker Vill. N.H.* | East Hall, 16. |
| Murray, Charles Orlando. | *Nashua, N.H.* | West Hall, 11. |
| Nash, Howard David. | *Columbia, Me.* | East Hall, 15. |
| Parmenter, Charles Winfield. | *Mechanicsville, Vt.* | East Hall, 27. |
| Platner, Barnabus Ballou. | *Cherry Val. N.Y.* | Mid. Hall, 6. |
| Record, Sanford Perry. | *South Braintree.* | Mid. Hall, 17. |
| Whithed, Hamilton Lee. | *Vernon, Vt.* | East Hall, 15. |
| Woofindale, Charles Shiffler. | *Charlestown.* | East Hall, 2. |
| Johnson, John Milton. | *Manchester, N.H.* | West Hall, 6. |

# ADMISSION

## TO THE

## REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies :

*Latin.*—Andrews' Latin Reader ; Virgil's Bucolics, and six books of the Æneid ; four books of Cæsar's Commentaries ; six Orations of Cicero ; Harkness' Grammar, including Prosody ; Harkness' Introduction to Latin Composition, to Part III.

*Greek.*—Felton's or Jacob's Greek Reader, or four books of Homer's Iliad, with three books of Xenophon's Anabasis; Sophocles', Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody ; writing Greek with the Accents.

*Mathematics.*—Chase's Arithmetic ; Algebra to Involution ; Plane Geometry.

*Geography and History.*— Ancient and Modern Geography ; Goodrich's History of the United States.

N.B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior year.

Examination for admission will be held on the day after Commencement, and on the Tuesday preceding the beginning of the First Term. The examination will begin at 8 o'clock, A.M., on each of these days.

N.B.—No Applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition which has accrued in the previous Terms of the Regular Course, unless he comes from another College ; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

No student who has been dismissed shall be admitted again unless he pays the whole tuition of the interval ; and tuition will be charged for no period less than a year.

The Degree of Master of Arts, is conferred on every Bachelor of Arts of three years' standing, or more,—who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,—on application to the President, one week at least, before Commencement.

The fee, including the Diploma, is five dollars, payable in advance.

# COURSE OF STUDY.

## FRESHMAN CLASS.

### *First Term.*

*Latin.*—Livy; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Xenophon ; Isocrates ; Herodotus ; Greek Prose Composition ; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Peirce's Geometry.

*Rhetoric.*—English Language and Literature ; Themes ; Declamations.

*Roman History.*

*Lectures on the Geography and Topography of Ancient Greece.*

### *Second Term.*

*Latin.*—Horace,—Odes and Epodes ; Ramsay's Roman Antiquities ; Latin Prose Composition.

*Greek.*—Thucydides ; Homer's Odyssey; Greek Dialects; Greek Prose Composition ; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Loomis's Algebra.

*Roman History.*

*Rhetoric.*—English Language and Literature ; Themes ; Declamations.

*Lectures on the Geography and Topography of Ancient Greek.*

*Physiology.*—Lectures.

## SOPHOMORE CLASS.

### *First Term.*

*Latin.*—Satires and Epistles of Horace ; Cicero de Officiis ; Ramsay's Roman Antiquities ; Latin Prose Composition.

*Greek.*—Demosthenes ; Greek Prose Composition.

*Mathematics.*—Olney's Trigonometry.

*Surveying*—with Practice.

*Rhetoric.*—English Literature ; Themes ; Declamations.

*French.*—Plœtz' Grammar ; Exercises, Les Maîtres Mosaïstes.

### *Second Term.*

*Latin.*—Germania and Agricola of Tacitus ; Latin Prose Composition.

*Greek.*—Euripides; Sophocles; Æschylus; Greek Metres; Greek Prose Composition.

*Mathematics.*—Olney's General Geometry and Calculus.

*Rhetoric.*—Bain's; English Literature; Themes ; Declamations.

*French.*—Syntax ; Dictations ; Les Maîtres Mosaïstes ; Le Roi des Montagnes.

## JUNIOR CLASS.

### *First Term.*

*German.*—Otto's Grammar ; Exercises ; Evans' Reader ; Das Wirthshaus zu Cransac.

*Physics.*—Peck's Mechanics, with Lectures.

*Rhetoric.*—Whately's ; English Literature ; Themes ; Original Declamations.

*Theoretical Chemistry*—with Lectures.

And one of the following

#### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry ; Geometry of Three Dimensions.

*Greek.*—Plato.

*Latin.*—Juvenal.

*French.*—Plœtz Grammaire Francaise, (basée sur le latin); Racine, Athalie; Corneille, Le Cid; Molière Le Tartufe.

## *Second Term.*

*Physics.*—Ganot's, with Lectures.

*Psychology.*—Porter's.

*German.*—Whitney's Grammar; Dictations; Schiller, Die Jungfrau von Orleans; Goethe, Hermann and Dorothea.

*Botany.*—Gray's, with Lectures.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Chemistry.*—Laboratory Practice, with Lectures.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.*—Differential Calculus; Drafting.

*Rhetoric.*

*Greek.*—Plato.

*Latin.*—Cicero.

*French.*—Brachet, Grammaire Historique; Demogeot, Histoire de la Littérature Française.

*Italian.*—Sauer's Grammar; Exercises; Nota, La Fiera; Manzoni, I Promessi Sposi.

## SENIOR CLASS.

## *First Term.*

*Political Economy.*—Bowen's.

Butler's Analogy.

*Psychology.*—Porter's.

*Logic.*—Thomson's.

*Mineralogy.*—Dana's, with Lectures.
*Rhetoric.*—English Literature; Themes; Reading.
*Physics.*—Optics, with Lectures.
*Lectures on Mercantile Usages.*

### ELECTIVE STUDIES.

*Mathematics.*—Integral Calculus; Mechanical and Architectural Drawing.

English Literature; Metaphysics.

*Greek, Latin, French, German, or Italian Language.*

## *Second Term.*

*Logic.*—Induction.
*Astronomy.*—Loomis's; Herschel's.
*Rhetoric.*—Themes; Forensics; Reading.
*Geology.*—Dana's, with Lectures.
*Moral Philosophy.*—Calderwood's Hand-Book.
*Lectures on Christian Evidences.*

### ELECTIVE STUDIES.

*Mathematics.*—Advanced Mechanics.
*Greek, Latin, French, German, or Italian Language.*

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## PHILOSOPHICAL COURSE.

This Special Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies two years. The following are the requisitions for admission. An examination must be well sustained in the Geography, History, and Arithmetic, required for the Collegiate Course, and in Geometry, Algebra, and English Grammar.

The Philosopical Course is as follows:—

## FIRST CLASS.

### *First Term.*

*Mathematics.*—Olney's Trigonometry.

*Surveying*—with Practice.

*Chemistry*—with Lectures.

*French.*—Plœtz' Grammar; Exercises; Les Maîtres Mosaïstes.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*Mineralogy.*—Dana's, with Lectures.

### *Second Term.*

*Mathematics.*—Olney's General Geometry and Calculus.

*Chemistry*—with Lectures.

*French.*—Syntax; Dictations; Les Maîtres Mosaïstes; Le Roi des Montagnes.

*Physics.*—Ganot's, with Lectures.

*Psychology.*—Porter's.

*Botany.*—Gray's.

*Rhetoric.*—Bain's; English Language and Literature; Themes; Declamations.

*Geology.*—Dana's, with Lectures.

## SECOND CLASS.

### *First Term.*

*Political Economy.*—Bowen's.

Butler's Analogy.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Psychology.*—Porter's.

*Logic.*—Thomson's.

*Mathematics.*—Peck's Mechanics.

*Physics.*--Optics, with Lectures.

*French.*—Plœtz' Grammaire Française (basée sur le latin); Racine, Athalie; Corneille, Le Cid; Molière, Le Tartufe.

*Lectures on Mercantile Usages.*

### *Second Term.*

*Moral Philosophy.*--Calderwood's Hand-Book.

*Astronomy.*—Loomis's; Herschel's.

*Logic.*—Induction.

*Rhetoric.*—Themes; Forensics; Reading.

*French.*—Brachet, Grammaire Historique; Demogeot; Histoire de la Littérature Française.

*Mathematics.*—Weisbach's Mechanics.

*Lectures on Christian Evidences.*

## ENGINEERING COURSE.

This course extends through three years, and is established for students who enter for the Degree of Civil Engineering.

The conditions of admission are the same as in the Philosophical Course.

### FIRST YEAR.

### *First Term.*

*Trigonometry.*—Plane and Spherical.

*Descriptive Geometry.*—Theory and Plates.

*Surveying.*—Theory with Elementary Practice.

*Drafting.*—Elementary Plane Problems.

*Chemistry*--with Lectures.

*Rhetoric.*—Declamations.

### *Second Term.*

*Conic Sections.*—Discussion of Straight Lines and Curves.

*Shades and Shadows.*—Theory and Plates.

*Surveying.*—Theory; Compass Surveys.

*Drafting.*—Maps of Surveys; Topographical Plans.

*Roads and Railroads.*—Theory and Practice of Construction.

*Chemistry*—with Lectures.

*Rhetoric.*—Bain's; Themes; Declamations.

## SECOND YEAR.

### *First Term.*

*Calculus.*—Differentiation of Functions.

*Mechanics.*—Theory; Solids and Fluids.

*Drafting.*—Architectural and Mechanical.

*Field Engineering.*—Topographical and Levelling.

*Iron Manufacture.*—Reduction of Ores; Cast, Wrought, and Malleable Iron; Steel.

*French.*—Plœtz' Grammar; Exercises; Les Maîtres Mosaïstes.

*Mineralogy.*—Dana's, with Lectures.

*Rhetoric.*—Declamations.

### *Second Term.*

*Calculus.*—Integration of Functions.

*Mechanics*—Applied, with Lectures on Construction.

*Astronomy.*—Descriptive; Physical; Practical.

*Field Engineering.*—Levelling for Sections.

*Drafting.*—Perspective; Structures.

*Geology.*—Dana's, with Lectures.

*French.*—Syntax ; Dictations ; Les Maîtres Mosaïstes ; Le Roi des Montagnes.

*Rhetoric.*—Declamations.

## THIRD YEAR.

### *First Term.*

*Calculus.*—Lectures.

*Mechanics*—Applied, with Lectures on Construction.

*Engineering.*—Theory, with examples in Construction.

*Drafting.*—Finished, Half-finished, and Working Drawings.

*Field Engineering.*—Location of Works ; Staking out for Construction.

*Steam Engine.*—Theory and Construction of Engines and Boilers.

*Political Economy.*—Bowen's.

*Rhetoric.*—Reading.

Butler's Analogy.

### *Second Term.*

*Calculus.*—Lectures.

*Engineering.*—Principles and Practice.

*Construction.*—Engineering and Architectural Works.

*Field Engineering.*—Location of Works ; Staking out for Construction.

*Drafting.*—Plans ; Profiles ; Sections.

*Blowpipe Analysis.*

*Moral Philosophy.*—Calderwood's Hand-Book.

*Rhetoric.*—Reading.

Notwithstanding the foregoing Special Courses of Instruction are offered to those who desire them, the full Collegiate Course is earnestly recommended to all who are prepared to enter upon it, and to all whose age, condition and resources permit the making of preparation for it, whatever may be their intended course in life.

To all others, the one or the other of the Special Courses is commended as affording means of valuable discipline, and of a substantial practical education.

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PUBLIC COLLEGE EXERCISES. — A Public Examination, in writing, of all the Classes is held, during not less than four days, twice a year.

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RELIGIOUS OBSERVANCES.—All resident Students and resident Officers of Instruction are required to attend Morning Prayers, and the Reading of the Scriptures, in the Chapel.

All Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend elsewhere.

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RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a Clergyman or a Layman, on the following subjects, in alternate years: — First; "The importance of Christian Faith and Belief in the formation of the character of the good citizen and good man." Second; "The sufficiency of the promises of the Gospel to meet the reasonable wants of man, both in time and in eternity."

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LIBRARY.—The Library contains upwards of 13,000 volumes, including those of the Historical Society, and more than 5000 pamphlets.

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MUSEUM.—The collection of Minerals embraces many thousand specimens, and is especially rich in rare crystals.

The Geological collection includes most of the American and

European fossils and numerous casts, together with series of rocks, illustrating the several Formations.

The collection of Shells numbers more than ten thousand individuals representing over two thousand species.

There are also included in the Museum fine collections of Meteorites, Stuffed birds, and Botanical specimens.

## EXPENSES.

| | | | |
|---|---|---|---|
| Tuition, | per year, . . | $60.00 | $60.00 |
| Half Room-rent from $15 to $37.50 | " . . | 15.00 | 37.50 |
| Incidentals, | " . . | 10.00 | 10.00 |
| Board, about $3.50 per week, | " . . | 136.50 | 136.50 |
| Total, | | $221.50 | $244.00 |

Students board themselves in a Club at a price merely covering the cost. Washing is also under the direction of the students themselves, and is had at cost. Fuel is procured at reasonable rates. Other expenses vary with the economy of each student. Bills for board are payable monthly. College charges for each term—except the Second Term of the Senior year, the bills for which must be settled at least one day before Commencement,—are payable at the beginning of the succeeding Term. Students furnish their own rooms.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:

Three State Scholarships, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

Four Howland Scholarships, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

Five Walker Mathematical Scholarships, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R.I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The Perkins Scholarship, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

One other, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

Three Prize Scholarships of Natural History, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. Each competitor is examined upon specimens which he has collected in the neighborhood, and has presented to the College. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

Packard Free Scholarships.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, is not held to constitute any title to a second nomination.

Appointments.—The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the

applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

GODDARD PRIZES.—In the Second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows :

A prize for the best Dissertation, by a member of the Senior Class, on the following subject : "Public Corruption—its Causes and Cure."

A Prize for the best Greek Prose translation by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVIII, beginning, "But the Christians formed the least numerous party," and ending, "to the new religion of Christ and of Constantine;" to be translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the last seven Sections of Chapter XL. in Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Three other prizes from the same fund are assigned as follows :—

A Prize of *twenty dollars*, to the best Reader of the Senior Class.

A Prize of *twenty dollars*, to a member of the Junior Class for the best exhibition of improvement and skill in Elocution.

A Prize of *twenty dollars*, on the same conditions to a member of the Sophomore Class.

The pieces to be read are placed in the hands of the Candidates on the day before the trial.

The selections for declamation must be approved by the Professor of Elocution.

The names of competitors for the prizes, both in Reading and Elocution, must be handed to the President, at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior.*

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

## AWARDS OF 1873.

The prizes for the last year were awarded as follows:

*For Dissertation.*

To WILLIAM MOORE LAWRENCE, of the Senior Class.

*For Examination in Mathematics.*

To LUMAN WALLACE ALDRICH, of the Freshman Class.

### *For Greek Prose.*

To George Julian Tufts, of the Junior Class.

### *For Latin Prose.*

(No award.)

### *For Reading.*

William Moore Lawrence, of the Senior Class.

### *For Declamations.*

Norman Perkins Wood, of the Junior Class, and William Wallace McClench, of the Sophomore Class.

### *Packard Prizes.*

To Edgar Herbert Aldrich, Senior Class.
Charles Mellen Knight, " "
Everett Park White, " "
Norman Perkins Wood, Junior Class.
William Franklin Hamm, Sophomore Class.
Henry Chase Buck, " "
Clarence Rodolphus Gardner, Candidate for the Degree of C. E., Second Year.
Luman Wallace Aldrich, Freshman Class.
Albert Adriance Simpson, Candidate for the Degree of C. E., First Year.

# DIVINITY SCHOOL.

## FACULTY.

Rev. ALONZO A. MINER, D.D., President.

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

## LECTURERS.

Rev. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

Rev. A. ST. JOHN CHAMBRÉ, A.M.,
*Lecturer on Ecclesiastical History.*

Rev. E. C. BOLLES, Ph.D.,
*Lecturer on the Relations of Science to Christianity.*

Rev. E. H. CAPEN, A.M.,
*Lecturer on the Study of Language: its value to the Theological Student.*

# STUDENTS.

## FIRST YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bisbee, Fred Adelbert. | *Binghampton, N. Y.* | Mid. Hall. 12. |
| Goldsmith, Charles Francis. | *Lynn.* | West Hall. 23. |

## SECOND YEAR.

| | | |
|---|---|---|
| Stiles, William Curtis. | *Norway, Me.* | Mid. Hall. 14. |

## THIRD YEAR.

| | | |
|---|---|---|
| Aldrich, Randall Hosea. | *Jaffrey, N.H.* | West Hall. 30. |
| Burgess, Edwin Burnham. | *Wakefield.* | Mid. Hall. 1. |
| Davis, Samuel Green. | *Reynoldsburg, O.* | West Hall. 25. |
| Hand, Harry Wells. | *Nunda, N. Y.* | Mid. Hall. 12. |
| Harmon, George Milford, A. B. | *College Hill.* | Mid. Hall. 9. |
| Illman, Thomas W. | *Philadelphia, Pa.* | West Hall. 29. |
| Knight, George Thompson, A.B. | *S. Windham, Me.* | West Hall. 32. |
| Peck, Ellery Elmer. | *Minaville, N. Y.* | West Hall. 7. |
| Pember, Elmer Frederick. | *Chester, Vt.* | Mid. Hall. 7. |
| Russell, Byron Gustavus. | *New Haven, Ct.* | West Hall. 21. |
| Sutton, Silas Wright, A.B. | *Warwick, N. Y.* | West Hall. 8. |
| Whitney, Elbert Watson, A.B. | *Waltham.* | West Hall. 28. |

## TERMS OF ADMISSION.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the Academic year.

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education, and it is desirable that they should have some knowledge of the Latin and Greek Languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course in Theology, shall take, as preliminary, a full Collegiate Course of study. The call is for men of liberal culture, and it has been found that Academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for we have found that earnest and capable men aspire to the Christian ministry whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four-year's course has been instituted. It is not to be expected that this will prove a full equivalent of a Collegiate and a Professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time, that important factor in education gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction, and a new impetus to all of his efforts. We therefore recommend this course to all who cannot avail themselves of a preparatory Collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

### *First Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Grammar; Rhetorical Analysis; Themes.

*Hebrew Language.*

*Old Testament.*—Introduction to the study of the Jewish Scriptures; The Canon; Biblical Archæology.

*History.*—Biblical History and Geography.

*Greek Language.*

### *Second Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Logic; Rhetorical Analysis; Themes.

*Logic.*—Relation of to Psychology; The Notion and the Proposition; Deduction.

*Hebrew Language.*—Select portions of the Old Testament in Hebrew.

*Old Testament.*—Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

*History.*—General History of the world before Christ; The Life of Christ in its several periods.

*Greek Language.*

## SECOND YEAR.

### *First Term.*

*Rhetoric.*—Studies in English Oratory; Construction of Arguments; Written Criticisms.

*Logic.*—Induction; Definition.

*Mental Science.*—Relation of to Psychology; Presentation; Representation.

*German Language.*

*New Testament.*—Introduction to the study of the Gospels; Principles of Interpretation.

*History.*—Ancient Church History; Recitations and Lectures.

*Greek of the New Testament.*

## *Second Term.*

*Mental Science.*—Thought; Intuition.

*German Language.*

*New Testament.*—Study of Greek from the Gospels; Exegesis of the Gospels; Acts of the Apostles studied exegetically and topically; Exegetical Essays by the Class.

*History.*—Modern Church History; Recitations and Lectures.

*Homiletics.*—History of Preaching; Analysis of the Sermon; Recitations and Lectures.

## THIRD YEAR.

## *First Term.*

*Moral Science.*—Relation of to Psychology; Facts of the Moral Nature; Ethical Systems.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*History.*—History of Doctrines; of Separate Church Organizations in Europe, America, and the East.

*Homiletics.*—Recitations and Lectures; Analysis of Texts; Black-board Exercises in plans of Sermons.

*Christian Evidences.*—Recitations and Lectures.

## *Second Term.*

*Moral Science.*—Theory of Ethics; Lectures on Christian Ethics.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology; Recitations and Lectures.

*History.*—Modern Doctrines.

*Homiletics.*—Study of Sermons; Plans of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*—Discussion of Recent Theories; Lectures.

## FOURTH YEAR.

## *First Term.*

*Natural Theology.*—Sources and Definition of Natural Theology; Paley and Chadbourne, supplemented by Studies in Natural History.

*Theology.*—Systematic and Comparative Theology; Recitations and Lectures; Ethnic and Catholic Religions.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership, and Offices of the Church.

## *Second Term.*

*Natural Theology.*—Analogy of Nature and Religion; Mosaic and Geologic Records; Lectures on the Relations of Science to Christianity.

*Theology.*—Systematic Theology; Recitations and Lectures; Distinctive Doctrines of Universalism.

*Homiletics.*—Composition and Delivery of Sermons.

*Pastoral Theology.*—Pastoral care; Ordinances of Worship—Sacraments and Public Prayer; Systematic Beneficence; The Christian Spirit and Life.

The FULL COURSE occupies three years for Bachelors of Arts; for all others, four years.

The SPECIAL COURSES occupy respectively, three, two, and one years.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

ELOCUTION. Instruction in Elocution is given throughout the Course by Professor MOSES T. BROWN.

FRENCH LANGUAGE. Students may receive instruction in French, by Professor CHARLES E. FAY.

LECTURES. Students are permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

ESSAYS. In each department of study, students are required to write essays on the most important topics.

SERMONS. The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

EXAMINATIONS. Written reviews are held monthly in all departments. At the end of each term, students are subject to a public written examination upon the work of the term.

DEVOTIONAL EXERCISES. Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

SOCIETIES. There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

LIBRARIES. Students have free access to the general library of the College, also to the valuable library of the

Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

GENERAL FACILITIES. Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted Divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

DEGREE. The degree of BACHELOR OF DIVINITY is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

DIPLOMAS certifying to attainments are conferred upon those who have taken one of the Special Courses.

EXPENSES. No expense is incurred for instruction, or for the use of libraries. The necessary expenses of the year, including board, room-rent, fuel, lights, washing, &c., do not exceed $300.00.

The "Adams Club" furnishes board at a price which merely covers the actual cost.

Students in the Full Course who have shown sufficient maturity, are permitted to preach under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

SCHOLARSHIPS. The General Convention of Universalists aids students by a system of loans under the following

## RULES.

1. Each applicant for aid must present unexceptionable recommendations as to his moral and religious character. He must well sustain an examination in the following branches of learning: Rhetoric, Mental and Moral Science, and English Prose Composition. It is desirable, also, that he be acquainted with the Greek of the New Testament and with Logic. He shall make declaration of his desire and purpose to devote his life to the ministry of the Universalist Church, and affirm his acceptance of the Winchester Confession of Faith. It is only in view of such a desire and purpose that he is aided.

2. Each beneficiary shall give his obligation to repay the sums received by him in five annual instalments, without interest, dating from his graduation. He shall also agree to repay, with interest, all moneys received from the Board in case he fails to enter or continue in the Universalist ministry, or withdraws from study before the completion of the course, unless such failure or withdrawal be through no fault on his part. Such endorsement or security for his faithful compliance with these Rules shall be given as shall be satisfactory to the Board.

3. The Committee of the Board of Trustees may discontinue aid to any student when, for any reason, it may seem doubtful that he will be useful in the ministry.

4. The appropriation for each beneficiary shall not exceed one hundred and eighty dollars per year. It will be payable to the draft of the student on the Secretary, endorsed by the President, or Principal of the school,—sixty dollars on the first day of October, January, and April respectively.

5. The Principal of the school shall, at the end of each year, report to the Board of Trustees the standing of each student receiving aid, as to piety, talents, diligence, scholarship, prudence, health, and general influence.

## LECTURES DURING 1872–3.

During the past year Lectures were given by distinguished gentlemen on various subjects, as follows:—

JAMES T. FIELDS, *Tennyson.*
Rev. WM. R. ALGER, *The Morbid in Poetry.*
Rev. WM. M. CORNELL, *Stephen Girard.*
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JAMES T. FIELDS, *Sydney Smith.*
GEORGE B. EMERSON, LL.D., *Forests.*
Rev. J. B. DUNN, *Palestine.*
Rev. SUMNER ELLIS, *Sensibility.*

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### Divinity School.

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Rev. L. R. PAIGE, D. D.,
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Rev. BENTON SMITH,
Rev. L. L. BRIGGS.

Committees are invited to visit the several departments of instruction at any time and without previous notice; also to inspect the papers at the Annual and Semi-Annual Examinations.

# CALENDAR.

THE ACADEMICAL YEAR IS DIVIDED INTO TERMS OF TWENTY-ONE AND EIGHTEEN WEEKS RESPECTIVELY.

1873.

| | | |
|---|---|---|
| Sept. 4. | Term begins | Thursday morning. |
| Sept. 7. | Russell Lecture | Sunday, 4 P.M. |

*Recess from the Tuesday evening before Thanksgiving to the following Monday Evening.*

1874.

| | | |
|---|---|---|
| Jan. 28. | First Term ends. | Wednesday evening. |
| | WINTER VACATION, TWO WEEKS. | |
| Feb. 12. | Second Term begins | Thursday morning. |
| May 20. | Commencement Parts assigned | Wednesday. |
| June 10. | Anniversary Divinity School | Wednesday. |
| June 14. | Baccalaureate Sermon | Sunday. |
| June 17. | Commencement last Wednesday but one in June. | |
| June 18. | Examination for Admission | Thursday, 8 A.M. |
| | SUMMER VACATION, ELEVEN WEEKS. | |
| Sept. 1. | Second Examination for Admission, | Tuesday, 8 A.M. |
| Sept. 3. | First Term begins. | |
| Sept. 6. | Russell Lecture | Sunday, 4 P.M. |

NOTE.—The *Woburn Centre* Trains leave the Depot of the Lowell Railroad, in Boston, and stop at College Hill Station. The College is four miles from Boston. Post-Office address, College Hill, Mass. The President should be addressed, Boston, Mass.

A

# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE.

1874-5.

AND

# TRIENNIAL.

BOSTON:
PRINTED BY JOHN S. SPOONER,
PROVINCE STREET.

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*Instructor in Vocal Music.*

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*Librarian.*

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---

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BENJAMIN G. BROWN, A.M.
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AMOS E. DOLBEAR, A.M., M.E.
MOSES T. BROWN, A.M.
CHARLES E. FAY, A.M., *Secretary.*
CHARLES D. BRAY, A.M., C.E.
S. MINOT PITMAN, M.E.

# STUDENTS.

## SENIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bailey, Wm. Lysander Cutler. | *Reading, Pa.* | East Hall, 30. |
| Buck, Henry Chase. | *Somerville.* | Mrs. Buck's. |
| Dillingham, Fred Augustine. | *North Auburn, Me.* | East Hall. 25. |
| Hubbard, Arthur Middleton. | *Middletown, Conn.* | East Hall, 19. |
| Hunt, George Horace. | *Oldtown, Me.* | East Hall, 11. |
| McClench, William Wallace. | *Chicopee.* | East Hall, 18. |
| Michael, Myron Jay. | *St. Johnsville, N. Y.* | West Hall, 8. |
| Morrison, William Harrison. | *Farmington, Me.* | Mid. Hall, 15. |
| Thombs, Arthur Parker. | *Belfast, Me.* | East Hall, 18. |
| FOR THE DEGREE OF C. E. [Third Year.] | | |
| Baker, John Thomas. | *Brownington, Vt.* | East Hall, 13. |
| Simpson, Albert Adriance. | *Poughkeepsie, N. Y.* | East Hall, 11. |

## JUNIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Luman Wallace. | *Shrewsbury, Vt.* | East Hall, 23. |
| Beckwith, Walter Parker. | *Lempster, N.H.* | East Hall, 19. |
| Dwinell, Byron Lee. | *East Calais, Vt.* | West Hall, 7. |
| Eddy, Henderson Horatio. | *Watertown, N.Y.* | West Hall, 4. |
| Fletcher, Austin Barclay. | *Franklin.* | East Hall, 22. |
| French, Arthur Philip. | *Brunswick, Me.* | Mid. Hall, 16. |
| Hamm, William Franklin. | *Portsmouth, N.H.* | |
| Headle, Edwin Charles. | *Mechanicsville, Vt.* | East Hall, 10. |
| Leonard, Claude Bassett. | *College Hill.* | Prof. Leonard's. |
| Sprague, Charles Albert. | *Augusta, Me.* | East Hall, 23. |
| Woodbury, David Morse. | *Bethel, Vt.* | Mid. Hall, 9. |

### FOR THE DEGREE OF C. E. [Second Year.]

| | | |
|---|---|---|
| Bailey, Edwin Chapin, | *Reading, Pa.* | East Hall, 30. |
| Bowen, Eugene Bucklin. | *Cheshire.* | East Hall, 10. |
| Gilpatrick, John Brisbon. | *Granger, N.Y.* | Mid. Hall, 14. |

## SOPHOMORE CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bill, George Edwin. | *Waltham.* | West Hall, 14. |
| Branch, Philip Nowell. | *Manchester, N.H.* | West Hall, 9. |
| Brown, Daniel Rollins. | *Salem.* | West Hall, 5. |
| Churchill, Clarence Elmore. | *Nashua, N.H.* | West Hall, 9. |
| Harrington, Frank Bishop. | *Salem.* | West Hall, 5. |
| Hooper, William Leslie. | *Annisquam.* | West Hall, 15. |
| Jordan, Charles Morrison. | *Somerville.* | East Hall, 25. |
| Murray, Charles Orlando. | *Nashua, N.H.* | West Hall, 14. |
| Parmenter, Charles Winfield. | *Mechanicsville, Vt.* | East Hall, 27. |
| Platner, Barnabas Ballou. | *Cherry Val. N.Y.* | West Hall, 16. |
| Record, Sanford Perry. | *South Braintree.* | West Hall, 12. |
| Whithed, Hamilton Lee. | *Vernon, Vt.* | East Hall, 31. |
| Wooffindale, Charles Shiffler. | *Charlestown.* | Mid. Hall, 8. |

| | | |
|---|---|---|
| Nash, Howard David. | *Columbia, Me.* | East Hall, 31. |

FOR THE DEGREE OF C. E. [First Year.]

| | | |
|---|---|---|
| Perry, George Lycurgus. | *Berlin, Wis.* | East Hall, 8. |
| Perry, Wallace Matteson. | *Berlin, Wis.* | East Hall, 8. |

FOR THE DEGREE OF B. PH. [First Class.]

| | | |
|---|---|---|
| Frost, James. | *No. Charlestown, N.H.* | East Hall, 1. |
| Lovell, George Farwell. | *Rockingham, Vt.* | East Hall, 22. |

## FRESHMAN CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Almy, George Edwin. | *Waltham.* | East Hall, 16. |
| Ballou, Levi Maturin. | *No. Orange.* | East Hall, 14. |
| Bradbury, J. Horatio. | *Jacksonville, Fla.* | West Hall, 10. |
| Campbell, Scott Carmino. | *Rochester, Vt.* | East Hall, 8. |
| Campbell, William Wildman. | *Rochester, Vt.* | East Hall, 8. |
| Cushman, Charles Livingston. | *Auburn, Me.* | West Hall, 1. |
| Dodge, William Wooldredge. | *Marblehead.* | West Hall, 13. |
| Farr, Theodore Parker. | *Franklin.* | East Hall, 2. |
| Penniman, George Wallace. | *Stoughton.* | East Hall, 2. |
| Squires, Urial. | *Fletcher, Vt.* | East Hall, 9. |
| Stanton, Andrew Ambrose. | *Roxbury, Vt.* | East Hall, 9. |
| Trefry, William Davis Thayer. | *Marblehead.* | West Hall, 13. |
| Whippen, Frank Warren. | *Lynn.* | West Hall, 2. |

# ADMISSION

### TO THE

# REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.*—Four books of Ovid's Metamorphoses; six books of Virgil's Æneid; four books of Cæsar's Commentaries; six Orations of Cicero; Harkness' or Allen and Greenough's Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III.

*Greek.*—Felton's or Jacob's Greek Reader, or four books of Homer's Iliad, with three books of Xenophon's Anabasis; Sophocles', Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents.

*Mathematics.*—Eaton's or Thomson's New Practical Arithmetic; Olney's Introduction to Algebra; Plane Geometry.

*Geography and History.*—Ancient and Modern Geography; Worcester's Elements of History.

N.B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

Beginning with 1876, all of Peirce's Geometry, will be required for admission.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior year.

Examination for admission will be held on the day after Commencement, and on the Tuesday preceding the beginning of the First Term. The examination will begin at 8 o'clock, A.M., on each of these days.

N.B.—No Applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition which has accrued in the previous Terms of the Regular Course, unless he comes from another College; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

No student who has been dismissed shall be admitted again unless he pays the whole tuition of the interval; and tuition will be charged for no period less than a year.

The Degree of Master of Arts, is conferred on every Bachelor of Arts of three years' standing, or more,—who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,—on application to the President, one week, at least, before Commencement.

The fee, including the Diploma, is five dollars, payable in advance.

# COURSE OF STUDY.

## FRESHMAN CLASS.

### *First Term.*

*Latin.*—Livy; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Xenophon; Isocrates; Thucydides; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Olney's or Chauvenet's Geometry.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*Roman History.*—Rawlinson's Manual.

*Lectures on the Geography and Topography of Ancient Greece.*

### *Second Term.*

*Latin.*—Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Herodotus; Homer's Odyssey; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Olney's Algebra.

*Roman History.*—Rawlinson's Manual.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*Lectures on the Geography and Topography of Ancient Greece.*

*Physiology.*—Lectures.

## SOPHOMORE CLASS.

### *First Term.*

*Latin.*—Satires and Epistles of Horace; Cicero de Officiis; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Demosthenes; Greek Prose Composition.

*Mathematics.*—Olney's Trigonometry.

*Surveying*—with Practice.

*Rhetoric.*—English Literature; Themes; Declamations;

*French.*—Plœtz' Grammar; Exercises; Lacombe, Histoire du Peuple Français.

### *Second Term.*

*Latin.*—Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Euripides; Sophocles; Æschylus; Greek Metres; Greek Prose Composition.

*Mathematics.*—Olney's General Geometry and Calculus.

*Rhetoric.*—Bain's; English Literature; Themes; Declamations.

*French.*—Syntax; Dictations; Les Maîtres Mosaïstes; Le Roi des Montagnes.

## JUNIOR CLASS.

### *First Term.*

*German.*—Whitney's Grammar; Exercises; Spielhagen, Röschen vom Hofe.

*Physics.*—Peck's Mechanics, with Lectures; Deschanel's Physics.

*Rhetoric.*—Whately's; English Literature; Themes; Original Declamations.

*Theoretical Chemistry*—with Lectures.

And one of the following

#### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Geometry of Three Dimensions.

*Greek.*—Plato.

*Latin.*—Juvenal.

*French.*—Plœtz' Grammaire Française, (basée sur le latin); Racine, Esther; Corneille, Le Cid; Molière, L'Avare.

### *Second Term.*

*Physics.*—Deschanel's continued, with Lectures and work in the Physical Laboratory.

*Logic.*—Jevons'.

*German.*—Whitney's Grammar; Dictations; Schiller, Die Jungfrau von Orleans; Goethe, Hermann and Dorothea.

*Botany.*—Gray's, with Lectures.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Chemistry.*—Laboratory Practice, with Lectures.

And one of the following

#### ELECTIVE STUDIES.

*Mathematics.*—Differential Calculus; Drafting.

*English Literature; Rhetoric.*

*Greek.*—Plato.

*Latin.*—Cicero.

*French.*—Brachet, Grammaire Historique; Demogeot, Histoire de la Littérature Française.

*Italian.*—Sauer's Grammar; Exercises; Nota, La Fiera; Manzoni, I Promessi Sposi.

## SENIOR CLASS.

### *First Term.*

*Political Economy.*—Bowen's; Perry's.

*Moral Philosophy.*—Butler's Analogy.

*Psychology.*—Porter's.

*Botany.*—Gray's Manual.

*Mineralogy.*—Dana's, with Lectures.

*Rhetoric.*—English Literature; Themes; Reading.

*Physics.*—Deschanel's completed, with Lectures and work in the Physical Laboratory.

*Lectures on Mercantile Usages.*

### ELECTIVE STUDIES.

*Mathematics.*—Integral Calculus; Mechanical and Architectural Drawing.

*English Literature; Logic.*

*Greek, Latin, French, German, or Italian Language.*

### *Second Term.*

*Psychology.*—Porter's.

*Astronomy.*—Loomis's; Herschel's.

*Rhetoric.*—Themes; Forensics; Reading.

*Geology.*—Dana's, with Lectures.

*Moral Philosophy.*—Calderwood's Hand-Book.

*Lectures on Christian Evidences.*

### ELECTIVE STUDIES.

*Mathematics.*—Advanced Mechanics.

*English Literature; Metaphysics.*

*Greek, Latin, French, German, or Italian Language.*

## PHILOSOPHICAL COURSE.

This Special Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies two years. The following are the requisitions for admission. An examination must be well sustained in the Geography, History, and Arithmetic, required for the Collegiate Course, and in Geometry, Algebra, and English Grammar.

The Philosophical Course is as follows:—

## FIRST CLASS.

### *First Term.*

*Mathematics.*—Olney's Trigonometry.

*Surveying*—with Practice.

*Chemistry*—with Lectures.

*French.*—Plœtz' Grammar; Exercises; Lacombe, Histoire du Peuple Français.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*Mineralogy.*—Dana's, with Lectures.

*Botany.*—Gray's Manual.

### *Second Term.*

*Mathematics.*—Olney's General Geometry and Calculus.

*Chemistry*—with Lectures.

*French.*—Syntax; Dictations; Les Maîtres Mosaïstes; Le Roi des Montagnes.

*Physics.*—Deschanel's, with Lectures.

*Logic.*—Jevons'.

*Rhetoric.*—Bain's; English Language and Literature; Themes; Declamations.

*Geology.*—Dana's, with Lectures.

## SECOND CLASS.

### *First Term.*

*Political Economy.*—Bowen's; Perry's.

*Moral Philosophy.*—Butler's Analogy.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Psychology.*—Porter's.

*Mathematics.*—Peck's Mechanics.

*Physics.*—Deschanel's, with Lectures and Practice in the Physical Laboratory.

*French.*—Plœtz' Grammaire Française (basée sur le latin); Racine, Esther; Corneille, Le Cid; Molière, L'Avare.

*Lectures on Mercantile Usages.*

### *Second Term.*

*Moral Philosophy.*—Calderwood's Hand-Book.

*Astronomy.*—Loomis's; Herschel's.

*Psychology.*—Porter's.

*Rhetoric.*—Themes; Forensics; Reading.

*French.*—Brachet, Grammaire Historique; Demogeot, Histoire de la Littérature Française.

*Mathematics.*—Weisbach's Mechanics.

*Lectures on Christian Evidences.*

## ENGINEERING COURSE.

This course extends through three years, and is established for students who enter for the Degree of Civil Engineering.

The conditions of admission are the same as in the Philosophical Course.

### FIRST YEAR.

### *First Term.*

*Trigonometry.*—Plane and Spherical.

*Descriptive Geometry.*—Theory and Plates.

*Surveying.*—Theory with Elementary Practice.

*Drafting.*—Elementary Plane Problems.

*Chemistry*—with Lectures.

*Rhetoric.*—Declamations.

### *Second Term.*

*Conic Sections.*—Discussion of Straight Lines and Curves.

*Shades and Shadows.*—Theory and Plates.

*Surveying.*—Theory ; Compass Surveys.

*Drafting.*—Maps of Surveys ; Topographical Plans.

*Roads and Railroads.*—Theory and Practice of Construction.

*Chemistry*—with Lectures.

*Rhetoric.*—Bain's ; Themes ; Declamations.

## SECOND YEAR.

### *First Term.*

*Calculus.*—Differentiation of Functions.

*Mechanics.*—Theory ; Solids and Fluids.

*Drafting.*—Architectural and Mechanical.

*Field Engineering.*—Topographical and Levelling.

*Iron Manufacture.*—Reduction of Ores; Cast, Wrought, and Malleable Iron; Steel.

*French.*—Plœtz' Grammar ; Exercises ; Lacombe, Histoire du Peuple Français.

*Mineralogy.*—Dana's, with Lectures.

*Rhetoric.*—Declamations.

### *Second Term.*

*Calculus.*—Integration of Functions.

*Mechanics.*—Applied, with Lectures on Construction.

*Astronomy.*—Descriptive ; Physical ; Practical.

*Field Engineering.*—Levelling for Sections.

*Drafting.*—Perspective ; Structures.

*Geology.*—Dana's, with Lectures.

*French.*—Syntax ; Dictations ; Les Maîtres Mosaïstes ; Le Roi des Montagnes.

*Rhetoric.*—Declamations.

## THIRD YEAR.

### *First Term.*

*Calculus.*—Lectures.

*Mechanics.*—Applied, with Lectures on Construction.

*Engineering.*—Theory, with examples in Construction.

*Drafting.*—Finished, Half-finished, and Working Drawings.

*Field Engineering.*—Location of Works ; Staking out for Construction.

*Steam Engine.*—Theory and Construction of Engines and Boilers.

*Political Economy.*—Bowen's ; Perry's.

*Moral Philosophy.*—Butler's Analogy.

*Rhetoric.*—Reading.

### *Second Term.*

*Calculus.*—Lectures.

*Engineering.*—Principles and Practice.

*Construction.*—Engineering and Architectural Works.

*Field Engineering.*—Location of Works ; Staking out for Construction.

*Drafting.*—Plans ; Profiles ; Sections.

*Blowpipe Analysis.*

*Moral Philosophy.*—Calderwood's Hand-Book.

*Rhetoric.*—Reading.

Notwithstanding the foregoing Special Courses of Instruction are offered to those who desire them, the full Collegiate Course is earnestly recommended to all who are prepared to enter upon it, and to all whose age, condition and resources permit the making of preparation for it, whatever may be their intended course in life.

To all others, the one or the other of the Special Courses is commended as affording means of valuable discipline, and of a substantial practical education.

PUBLIC COLLEGE EXERCISES.—A Public Examination, in writing, of all the Classes is held, during not less than four days, twice a year.

RELIGIOUS OBSERVANCES.—All resident Students and resident Officers of Instruction are required to attend Morning Prayers, and the Reading of the Scriptures, in the Chapel.

All Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend elsewhere.

RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a Clergyman or a Layman, on the following subjects, in alternate years:—First; "The importance of Christian Faith and Belief in the formation of the character of the good citizen and good man." Second; "The sufficiency of the promises of the Gospel to meet the reasonable wants of man, both in time and in eternity."

LIBRARY.—The Library contains upwards of 14,000 volumes, including those of the Historical Society, and more than 5,000 pamphlets.

JOY LIBRARY FUND. The income of a fund of twelve hundred dollars, the donation of John D. W. Joy, Esq., of Boston, is devoted to the purchase of books for the Library, preference being given to the Department of Philology.

Museum.—The collection of Minerals embraces many thousand specimens, and is especially rich in rare crystals.

The Geological collection includes most of the American and European fossils and numerous casts, together with series of rocks, illustrating the several Formations.

The collection of Shells numbers more than ten thousand individuals representing over two thousand species.

There are also included in the Museum fine collections of Meteorites, Stuffed birds, and Botanical specimens.

## EXPENSES.

| | | | |
|---|---|---|---|
| Tuition, | per year, . . | $60.00 | $60.00 |
| Half Room-rent from $15 to $37.50 | " . . | 15.00 | 37.50 |
| Incidentals, | " . . | 10.00 | 10.00 |
| Board, about $3.50 per week, | " . . | 136.50 | 136.50 |
| Total, | | $221.50 | $244.00 |

Students board themselves in a Club at a price merely covering the cost. Washing is also under the direction of the students themselves, and is had at cost. Fuel is procured at reasonable rates. Other expenses vary with the economy of each student. Bills for board are payable monthly. College charges for each term—except the Second Term of the Senior year, the bills for which must be settled at least one day before Commencement,—are payable at the beginning of the succeeding Term. Students furnish their own rooms.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:

Three State Scholarships, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

Four Howland Scholarships, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M. D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The PERKINS SCHOLARSHIP, of *sixty dollars* founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

ONE OTHER, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

THREE PRIZE SCHOLARSHIPS OF NATURAL HISTORY, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. Each competitor is examined upon specimens which he has collected in the neighborhood, and has presented to the College. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

PACKARD FREE SCHOLARSHIPS.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, is not held to constitute any title to a second nomination.

APPOINTMENTS.—The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Additional assistance, in the form of GRATUITIES, is rendered as circumstances from time to time require.

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the

applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

GODDARD PRIZES.—In the Second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A prize for the best Dissertation, by a member of the Senior Class, on the following subject: "Education and the State."

A Prize for the best Greek Prose translation by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVIII, beginning, "But the Christians formed the least numerous party," and ending, "to the new religion of Christ and of Constantine;" to be translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the last seven Sections of Chapter XL, in Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Six other prizes from the same fund are assigned as follows:—

Two Prizes of *twenty* and *ten dollars*, respectively, to the best Readers of the Senior Class.

Two Prizes of *twenty* and *ten dollars*, respectively, to members of the Junior Class for the best exhibition of improvement and skill in Elocution.

Two Prizes of *twenty* and *ten dollars*, respectively, on the same conditions to members of the Sophomore Class.

The selections for reading and declamation must be approved by the Professor of Elocution.

The names of competitors for the prizes, both in Reading and Elocution, must be handed to the President, at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior*.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

## AWARDS OF 1874.

The prizes for the last year were awarded as follows:

### *For Dissertation.*

(No award.)

### *For Examination in Mathematics.*

To CHARLES WINFIELD PARMENTER, of the Freshman Class.

### *For Greek Prose.*

(No award.)

### *For Latin Prose.*

(No award.)

### *For Reading.*

To CHARLES HENRY EATON, of the Senior Class.

### *For Declamation.*

To WILLIAM HARRISON MORRISON, of the Junior Class, and AUSTIN BARCLAY FLETCHER, of the Sophomore Class.

### *Packard Prizes.*

| | |
|---|---|
| To CHARLES HENRY EATON, | Senior Class. |
| HENRY PRIEST, | " " (Omitted 1873.) |
| JAMES FERNALD SENTER, | Candidate for the Degree of C. E., Third Year. |
| HENRY CHASE BUCK, | Junior Class. |
| ARTHUR MIDDLETON HUBBARD, | " " |
| WILLIAM WALLACE McCLENCH, | " " |
| DAVID MORSE WOODBURY, | Sophomore Class. |
| JOHN THOMAS BAKER, | Candidate for the Degree of C. E., Second Year. |
| CHARLES MORRISON JORDAN, | Freshman Class. |
| CHARLES WINFIELD PARMENTER, | " " |
| BARNABAS BALLOU PLATNER, | " " |
| EUGENE BUCKLIN BOWEN, | Candidate for the Degree of C. E., First Year. |

# DIVINITY SCHOOL.

## FACULTY.

Rev. ALONZO A. MINER, D.D., President.

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

## LECTURERS.

Rev. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

Rev. A. ST. JOHN CHAMBRÉ, A.M.,
*Lecturer on Ecclesiastical History.*

Rev. E. C. BOLLES, Ph.D.,
*Lecturer on the Relations of Science to Christianity.*

Rev. E. H. CAPEN, A.B.,
*Lecturer on the Study of Language: its value to the Theological Student.*

# STUDENTS.

## FIRST YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Broeffle, James William. | *Scotch Bush, N. Y.* | West Hall, 11. |
| Earle, Elmer Ralf. | *Warren.* | West Hall, 3. |
| Gaskin, William Elbridge. | *Nashua, N. H.* | West Hall, 23. |
| Hatch, Charles Shelden. | *Attica, N. Y.* | West Hall, 30. |
| Jenkins, Granville Wallingford. | *Chelsea.* | West Hall, 11. |
| Tenney, Charles Rockwell. | *Norway, Me.* | West Hall, 30. |

## SECOND YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bisbee, Fred Adelbert. | *Binghamton, N. Y.* | West Hall, 27. |
| Eaton, Charles Henry, A.B. | *Boston.* | West Hall, 22. |
| Goldsmith, Charles Francis. | *Lynn.* | West Hall, 23. |
| Quimby, Israel Paul, Jr. | *College Hill.* | Mid. Hall, 6. |
| Vail, Walter Scott. | *Effingham, Ill.* | West Hall, 26. |
| Whitman, Harrison Spofford, A.B. | *Bryant's Pond, Me.* | West Hall, 31. |
| Woodbridge, Warren Samuel, A.B. | *North Cambridge.* | West Hall, 22. |

## THIRD YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Stiles, William Curtis. | *Norway, Me.* | West Hall, 26. |

## FOURTH YEAR. [SENIORS.]

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Randall Hosea. | *Jaffrey, N.H.* | West Hall, 25. |
| Davis, Samuel Green. | *Reynoldsburg, O.* | West Hall, 25. |
| Hand, Harry Wells. | *Nunda, N.Y.* | West Hall, 27. |
| Harmon, George Milford, A.B. | *College Hill.* | Mid. Hall, 9. |
| Illman, Thomas Weston, A.B. | *Philadelphia, Pa.* | West Hall, 29. |
| Knight, George Thompson, A.B. | *S. Windham, Me.* | West Hall, 32. |
| Peck, Ellery Elmer. | *St. Johnsville, N.Y.* | West Hall, 8. |
| Pember, Elmer Frederick. | *College Hill.* | Mid. Hall, 7. |
| Russell, Byron Gustavus. | *New Haven, Conn.* | Dr. Sawyer's. |
| Sutton, Silas Wright, A.B. | *Warwick, N.Y.* | West Hall, 21. |
| Whitney, Elbert Watson, A.B. | *Waltham.* | West Hall, 28. |

## SPECIAL COURSE.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Gerner, Carl Wilhelm. [Meadville Theo. School] | *Pittsburgh, Pa.* | Mid. Hall, 7. |
| Lansing, Robert Campbell. [Canton Theo. School] | *Westford, N.Y.* | West Hall, 3. |

# ADMISSION

## TO THE

## THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the Academic year.

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education, and it is desirable that they should have some knowledge of the Latin and Greek Languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course in Theology, shall take, as preliminary, a full Collegiate Course of study. The call is for men of liberal culture, and it has been found that Academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four-years course has been instituted. It is not to be expected that this will prove a full equivalent of a Collegiate and a Professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time, that important factor in education gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction, and a new impetus to all of his efforts. This course is therefore recommended to all who cannot avail themselves of a preparatory Collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

### *First Term.*

*Rhetoric.*—Principles of Effective Speech; Kinds of Composition; Rhetorical Analysis: Themes.

*Hebrew Language.*

*Old Testament.*—Introduction to the study of the Jewish Scriptures; The Canon; Biblical Archæology.

*History.*—Biblical History and Geography.

*Greek Language.*

### *Second Term.*

*Rhetoric.*—Rhetoric, particularly in its relations to Logic; Rhetorical Analysis; Themes.

*Logic*—Relation of, to Psychology; The Notion and the Proposition; Deduction.

*Hebrew Language.*—Select portions of the Old Testament in Hebrew.

*Old Testament.*—Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

*History.*—General History of the world before Christ; The Life of Christ in its several periods.

*Greek Language.*

## SECOND YEAR.

### *First Term.*

*Rhetoric.*—Studies in English Oratory; Construction of Arguments; Written Criticisms.

*Logic.*—Induction; Definition.

*Mental Science.*—Relation of, to Psychology; Presentation; Representation.

*German Language.*

*New Testament.*—Introduction to the study of the Gospels; Principles of Interpretation.

*History.*—Ancient Church History; Recitations and Lectures.

*Greek of the New Testament.*

### *Second Term.*

*Mental Science.*—Thought; Intuition.

*German Language.*

*New Testament.*—Study of Greek from the Gospels; Exegesis of the Gospels; Acts of the Apostles studied exegetically and topically; Exegetical Essays by the Class.

*History.*—Modern Church History; Recitations and Lectures.

*Homiletics.*—History of Preaching; Analysis of the Sermon; Recitations and Lectures.

## THIRD YEAR.

### *First Term.*

*Moral Science.*—Relation of, to Psychology; Facts of the Moral Nature; Ethical Systems.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*History.*—History of Doctrines; of Separate Church Organizations in Europe, America, and the East.

*Homiletics.*—Recitations and Lectures; Analysis of Texts; Black-board Exercises in plans of Sermons.

*Christian Evidences.*—Recitations and Lectures.

## *Second Term.*

*Moral Science.*—Theory of Ethics; Lectures on Christian Ethics.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology; Recitations and Lectures.

*History.*—Modern Doctrines.

*Homiletics.*—Study of Sermons; Plans of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*—Discussion of Recent Theories; Lectures.

## FOURTH YEAR.

## *First Term.*

*Natural Theology.*—Nature and Foundation of the Theistic Argument; Studies in Natural History, with reference to Evidences of Design.

*Theology.*—Systematic and Comparative Theology; Recitations and Lectures; Ethnic and Catholic Religions.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership, and Offices of the Church.

## *Second Term.*

*Natural Theology.*—Analogy of Nature and Religion; Mosaic and Geologic Records; Lectures on the Relations of Science to Christianity.

*Theology.*—Systematic Theology; Recitations and Lectures; Distinctive Doctrines of Universalism.

*Homiletics.*—Composition and Delivery of Sermons.

*Pastoral Theology.*—Pastoral care; Ordinances of Worship—Sacraments and Public Prayer; Systematic Beneficence; The Christian Spirit and Life.

The FULL COURSE occupies three years for Bachelors of Arts; for all others, four years.

The SPECIAL COURSES occupy respectively, one, two, and three years.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

ELOCUTION. Instruction in Elocution is given throughout the Course by Professor MOSES T. BROWN.

FRENCH LANGUAGE. Students may receive instruction in French, in the Academical department.

LECTURES. Students are permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

ESSAYS. In each department of study, students are required to write essays on the most important topics.

SERMONS. The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

EXAMINATIONS. Written reviews are held monthly in all departments. At the end of each term, students are subject to a public written examination upon the work of the term.

DEVOTIONAL EXERCISES. Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

SOCIETIES. There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

LIBRARIES. Students have free access to the general library of the College, also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

General Facilities. Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted Divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

Degree. The degree of Bachelor of Divinity is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

Diplomas certifying to attainments are conferred upon those who have taken one of the Special Courses.

Rooms, Expenses, etc. The rooms assigned to the Divinity Students, are in the "West Hall," recently built, and are large, well-ventilated apartments. Each Study is provided with suitable furniture, and the bed-room adjoining each study is furnished with bedstead, mattress, bureau, etc. The only articles that the students need to provide, are bedding and towels.

Tuition, room-rent, and use of furniture, free. The students have only to make provision for board, fuel, lights, and washing. The "Adams Club" furnishes board at a price which merely covers the actual cost.

The General Convention of Universalists aids students by a system of loans; and those in the regular course, who have shown sufficient maturity, are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

# RULES OF THE CONVENTION.

I. Each applicant for aid must present unexceptionable recommendations as to his moral and religious character. He must give evidence that he is a member in good standing of a Universalist Church, and that he possesses those graces and gifts which promise usefulness in the Christian Ministry. He must well sustain an examination in the ordinary branches of an English Education. It is desirable, also, that he shall have pursued a course of classical study, sufficiently at least, to have gained an acquaintance with the Greek of the New Testament. He shall make declaration of his desire and purpose to devote his life to the ministry of the Universalist Church, and affirm his acceptance of the Winchester Confession of Faith. It is only in view of such a desire and purpose that he is aided.

II. Each beneficiary shall give his obligation to repay the sums received by him in five annual instalments, without interest, dating from his graduation. He shall also agree to repay, with interest, all monies received from the Board in case he fails to enter or continue in the Universalist ministry, or withdraws from study before the completion of the course, unless such failure or withdrawal be through no fault on his part. Such endorsement or security for his faithful compliance with these Rules shall be given as shall be satisfactory to the Board.

III. The Board of Trustees will discontinue aid to any student who shall neglect, or fall behind in, his studies, or when from any cause he shall prove himself undeserving the help of the Convention.

IV. The appropriation for each beneficiary shall not exceed one hundred and eighty dollars per year. Partial appropriations will be made on the recommendations of the Scholarship Committee, it being understood that the amount loaned shall be the least with which beneficiaries can be carried forward in their theological course, consistently with health and the proper qualifying of themselves for their work, after making suitable efforts to assist themselves, and obtaining such aid from their friends as may be available. The appropriation will be payable to the draft of the student on the Secretary of the Convention, endorsed by the President or Principal of the school—one third of the amount on the first day of October, January and April, respectively.

V. The Principal of the school shall, at the end of each year, report to the Board of Trustees the standing of each student receiving aid, as to piety, talents, diligence, scholarship, prudence, health and general influence.

VI. Each applicant before receiving his first appropriation, shall subscribe to the within obligation, and shall present a certificate and guarantee according to the accompanying forms.

## LECTURES DURING 1873-4.

During the past year Lectures were delivered by the following gentlemen:

Prof. THWING,
Rev. R. H. NEALE, D.D.,
A. BRONSON ALCOTT,
JAMES T. FIELDS, Esq.,
CHARLES BRADLAUGH,
Rev. W. M. CORNELL, D.D.,
Rev. GEORGE GANNET,
WALTER SMITH, Esq.
Rev. JOHN LORD, D.D.
[An historical course of six lectures].

## VISITING COMMITTEES.

### Academic Department.

ISRAEL WASHBURN, Jr., LL.D.,
Rev. C. J. WHITE, A.M.,
Rev. I. M. ATWOOD, A.M.,
Rev. E. C. BOLLES, Ph.D.,
ADNA T. DENISON, A.B.,
Rev. WM. E. GIBBS, A.B.,
Rev. E. H. CAPEN, A.B.,
MINTON WARREN, A.B.,
Capt. H. B. MAGLATHLIN,
CHARLES GREENWOOD POPE, A.M.,
Rev. J. J. LEWIS, A.M.,
T. WILLIS PRATT.

### Divinity School.

Rev. T. B. THAYER, D.D.,
Rev. L R. PAIGE, D.D.,
Rev. BENTON SMITH,
Rev. L. L. BRIGGS,
Rev. O. F. SAFFORD,
Rev. J. H. FARNSWORTH,
Rev. A. J. PATTERSON, D.D.,
Rev. G. T. FLANDERS, D.D.

Committees are invited to visit the several departments of instruction at any time and without previous notice; also to inspect the papers at the Annual and Semi-Annual Examinations.

# CALENDAR.

THE PRESENT ACADEMICAL YEAR IS DIVIDED INTO TERMS OF TWENTY-TWO AND EIGHTEEN WEEKS RESPECTIVELY.

1874.

| | | |
|---|---|---|
| Sept. 3. | Term begins | Thursday morning. |
| Sept. 6. | Russell Lecture | Sunday, 4 P.M. |

*Recess from the Tuesday evening before Thanksgiving to the following Monday Evening.*

1875.

| | | |
|---|---|---|
| Feb. 3. | First Term ends | Wednesday evening. |

WINTER VACATION, TWO WEEKS.

| | | |
|---|---|---|
| Feb. 18. | Second Term begins | Thursday morning. |
| May 26. | Commencement Parts assigned | Wednesday, |
| June 10. | Anniversary Divinity School | Wednesday. |
| June 20. | Baccalaureate Sermon | Sunday. |
| June 23. | Commencement last Wednesday but one in June. | |
| June 24. | Examination for Admission | Thursday, 8 A.M. |

SUMMER VACATION, ELEVEN WEEKS.

| | | |
|---|---|---|
| Sept. 7. | Second Examination for Admission, | Tuesday, 8 A.M. |
| Sept. 9. | First Term begins. | |
| Sept. 12. | Russell Lecture | Sunday, 4 P.M. |

NOTE.—Trains stopping at College Hill, leave the Depot of the Lowell Railroad, in Boston, at 6.45, 10, 11.30 A.M., 12.15, 3, 5.15, 6.30, 7.30 and *9.30 P.M. Return at 6.17, 7.17, 8.07, 11.42 A.M., 1.32, 3.09, 4.17, 5.17, 6.47, †8.37 P.M. The College is four miles from Boston. Post-Office address, College Hill, Mass. The President should be addressed, Boston, Mass.

*Wednesdays, 11.30, Saturdays, 10.30.

†Wednesdays, 10.27.

# CATALOGUS

## SENATUS ACADEMICI,

ET EORUM

QUI MUNERA ET OFFICIA GESSERUNT,

QUIQUE ALIQUO GRADU EXORNATI FUERUNT,

IN

# COLLEGIO TUFTENSI,

## MEDFORDIÆ,

IN

REPUBLICA MASSACHUSETTENSI.

---

BOSTONIÆ:
JOHANNES S. SPOONER, TYPOGRAPHO.
MDCCCLXXIV.

## CONSPECTUS.

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## MONITUM.

Clericorum nomina Italicis literis imprimuntur.

E vita cesserunt stelligeri.

Hoc signum (†) notat eos qui pro patria bello civili militaverunt.

# SENATUS ACADEMICUS.

## PRÆSIDES.

| Accessus. | | Exitus. |
|---|---|---|
| 1853 | Hosea Ballou, 2dus, S. T. D., | 1861 |
| 1862 | Alphonsus Ames Miner, S. T. D. | |

## CURATORES.

| | | |
|---|---|---|
| 1852 | Oliverus Dean, M. D., | 1872 |
| 1852 | *Thomas Whittemore*, S. T. D., | 1861 |
| 1852 | Sylvanus Packard, | 1866 |
| 1852 | *Otis Ainsworth Skinner*, S. T. D., | 1857 |
| 1852 | Benjamin Mussey, | 1857 |
| 1852 | Israel Washburn, LL.D. | |
| 1852 | Calvinus Gardner, | 1856 |
| 1852 | *Thomas Jefferson Greenwood*, | 1874 |
| 1852 | *Ludovicus Crebasa Browne*, | 1856 |
| 1852 | *Eli Ballou*, S. T. D., | 1868 |
| 1852 | *Hosea Ballou*, 2dus, S. T. D., Praeses, | 1861 |
| 1852 | Timotheus Cotting, | 1872 |
| 1852 | Ricardus Frothingham, LL.D. | |
| 1852 | Phineas Taylor Barnum, | 1857 |
| 1852 | Thomas Crane. | |
| 1852 | Carolus Rogers, | 1868 |
| 1855 | *Alphonsus Ames Miner*, S. T. D., Praeses. | |
| 1855 | Abel Tompkins, | 1862 |
| 1856 | Thomas Augustinus Goddard, A. M., | 1868 |
| 1856 | Carolus Tufts. | |
| 1856 | Gardner Payne Drury, | 1858 |
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| 1857 | Carolus Robinson. | |

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| 1862 | *Carolus Hall Leonard*, A. M., | 1870 |
| 1868 | Newton Talbot. | |
| 1869 | *Elmer Hewett Capen*, | 1870 |
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| 1854 | Benjamin Mussey, | 1856 |
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### *Historiæ et Metaphysicorum.*

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| 1853 | *Hosea Ballou*, 2dus, S. T. D., Praeses, | 1861 |

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| 1855 | Johannes Porter Marshall, A. M., | 1865 |

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| 1855 | Guilielmus Paley Drew, A. M., | 1857 |
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| 1855 | Guilielmus Paley Drew, A. M., | 1857 |
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| 1855 | Benjamin Franklin Tweed, A. M., | 1864 |
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| 1862 | *Alphonsus Ames Miner*, S. T. D., Praeses. | |

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| 1865 | Johannes Porter Marshall, A. M. | |

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| 1865 | Benjamin Graves Brown, A. M. | |
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| 1866 | Ricardus Frothingham, LL.D., *Prælector*, | 1872 |

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| 1856 | Hieronymus Schneider, PH. D., *Præceptor*, | 1870 |
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| 1866 | Moses True Brown, A. M. | |

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| 1861 | Benjamin Graves Brown, A. M., *Math. Prof.*, | 1865 |
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| 1857 | Alpheus Augustus Keen, | 1864 |
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*Johannes Colman Adams*, A.B. 1870.
**Edvardus Augustus Drew*, A.B. 1867.

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### *1858.*

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*Guilielmus Riley French*, Mr.

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*Johannes Chapman Porter, Mr. *1863

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*Johannes Stetson Barry*, Mr.

*Ebenezer Fisher*, Mr., S. T. D. Lomb. 1862, in Univ. St. Laurent. Theol. et Eth. Prof.

*Alphonsus Ames Miner*, Mr., S.T.D. Harv. 1863, Praeses.

*Lucius Robinson Paige*, Mr. Harv. 1850, S.T.D., S.H.S.

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*Thomas Balduinus Thayer*, Mr. Harv. 1860, S.T.D.

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*Elbridge Gerry Brooks*, S.T.D.

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*Asa Saxe*, Mr., S.T.D. Univ. St. Laurent. 1870.

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*Orren Perkins*, Mr.

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*Richmond Fiske*, S.T.D., Univ. St. Laurent. Praeses.

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*Absalom Graves Gaines*, S.T.D., Univ. St. Laurent. Praeses.

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OF

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# FACULTY OF THE COLLEGE.

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JOHN P. MARSHALL, A.M.

JEROME SCHNEIDER, PH. D.

HEMAN A. DEARBORN, A.M.

BENJAMIN G. BROWN, A.M.

WILLIAM R. SHIPMAN, A.M.

AMOS E. DOLBEAR, A.M. M.E.

MOSES T. BROWN, A.M.

CHARLES E. FAY, A.M., *Secretary.*

CHARLES D. BRAY, A.M. C.E.

S. MINOT PITMAN, A.M.B.

# STUDENTS.

## SENIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Aldrich, Luman Wallace. | *Shrewsbury, Vt.* | East Hall, 23. |
| Beckwith, Walter Parker. | *Lempster, N.H.* | East Hall, 26. |
| Dwinell, Byron Lee. | *East Calais, Vt.* | West Hall, 9. |
| Eddy, Henderson Horatio. | *Watertown, N.Y.* | Mr. Joslyn's. |
| Fletcher, Austin Barclay. | *Franklin.* | East Hall, 22. |
| French, Arthur Philip. | *Turner Centre, Me.* | East Hall, 11. |
| Headle, Edwin Charles. | *Mechanicsville, Vt.* | East Hall, 25. |
| Leonard, Claude Bassett. | *College Hill.* | Prof. Leonard's. |
| Sprague, Charles Albert. | *Augusta, Me.* | East Hall, 23. |
| Woodbury, David Morse. | *Bethel, Vt.* | East Hall, 30. |

### FOR THE DEGREE OF C. E. [Third Class].

| | | |
|---|---|---|
| Bailey, Edwin Chapin. | *Reading, Pa.* | East Hall, 30. |
| Bowen, Eugene Bucklin. | *Cheshire.* | East Hall, 11. |
| Gilpatrick, John Brisbon. | *Granger, N.Y.* | Mid. Hall, 11. |

## JUNIOR CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bill, George Edwin. | *Waltham.* | West Hall, 10. |
| Branch, Philip Nowell. | *Manchester, N.H.* | West Hall, 9. |
| Brown, Daniel Rollins. | *Salem.* | West Hall, 8. |
| Churchill, Clarence Elmore. | *Nashua, N.H.* | East Hall, 27. |
| Clevenger, Almon Edgar. | *Wilmington, O.* | East Hall, 16. |
| Harrington, Frank Bishop | *Salem.* | West Hall, 8. |
| Hooper, William Leslie. | *Lanesville.* | West Hall, 6. |
| Jordan, Charles Morrison. | *Somerville.* | East Hall, 26. |
| Murray, Charles Orlando. | *Nashua, N.H.* | West Hall, 7. |
| Nash, Howard David. | *Columbia, Me.* | East Hall, 31. |
| Parmenter, Charles Winfield. | *Mechanicsville, Vt.* | East Hall, 25. |
| Phelps, Orlo. | *Romeo, Mich.* | Mr. Colley's. |
| Platner, Barnabas Ballou. | *Cherry Val. N.Y.* | West Hall, 16. |
| Spooner, Frank Arthur. | *Charlton.* | Mid. Hall, 8. |
| Weaver, Ernest Kendall. | *Akron, O.* | East Hall, 16. |
| Whithed, Hamilton Lee. | *Vernon, Vt.* | East Hall, 31. |
| Wooffindale, Charles Shiffler. | *Charlestown.* | Mid. Hall, 9. |

### FOR THE DEGREE OF C. E. [Second Class].

| | | |
|---|---|---|
| Perry, George Lycurgus. | *Berlin, Wis.* | East Hall, 18. |

## SOPHOMORE CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bradbury, J. Horatio. | *Jacksonville, Fla.* | West Hall, 10. |
| Campbell, Scott Carmino. | *Rochester, Vt.* | East Hall, 19. |
| Campbell, William Wildman. | *Rochester, Vt.* | East Hall, 19. |
| Cushman, Charles Livingston. | *Auburn, Me.* | East Hall, 15. |
| Dodge, William Wooldredge. | *Marblehead.* | West Hall, 12. |
| Farr, Theodore Parker. | *Franklin.* | East Hall, 10. |
| Penniman, George Wallace. | *Stoughton.* | East Hall, 10. |
| Squires, Urial. | *Fletcher, Vt.* | West Hall, 2. |
| Stanton, Andrew Ambrose. | *Roxbury, Vt.* | East Hall, 13. |
| Trefry, William Davis Thayer. | *Marblehead.* | West Hall, 12. |
| Whippen, Frank Warren. | *Lynn.* | West Hall, 2. |

### FOR THE DEGREE OF B. PH.

| | | |
|---|---|---|
| Frost, James. | *No. Charlestown, N.H.* | East Hall, 13. |

### FOR THE DEGREE OF C. E. [First Class.]

| | | |
|---|---|---|
| Burgin, Frederick Frothingham. | *Portland, Me.* | West Hall, 13. |
| Darling, Jewett. | *Charlton.* | Mid. Hall, 7. |
| Dickinson, Aaron Crosby. | *Williamsville, Vt.* | West Hall, 11. |
| Dickson, Arthur Underwood. | *Woburn.* | East Hall, 27. |
| Gilcreast, Frank Webster. | *Woburn.* | East Hall, 27. |
| Towers, Charles Bullard. | *Richmond, Vt.* | West Hall, 11. |
| Whitcomb, Adelbert Finnie. | *N. Williston, Vt.* | West Hall, 11. |
| Whittemore, St. Clair. | *Cambridgeport.* | West Hall, 4. |

## FRESHMAN CLASS.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bjorklund, Alfred Gabriel. | *Somerville.* | East Hall, 9. |
| Buzzell, Leonard Owen. | *Dayton, Me.* | East Hall, 2. |
| Fales, Willard Henry. | *Boston.* | West Hall, 3. |
| Greene, Joseph Morse. | *Somerville.* | Mid. Hall, 17. |
| Greene, William Ripley. | *Somerville.* | Mid. Hall, 17. |
| Hutchins, William Appleton. | *Somerville.* | East Hall, 9. |
| Klinghammer, Jerome William. | *Somerville,* | Prof. Schneider's. |
| Maxfield, Cyrus Estes. | *Deering, Me.* | East Hall, 14. |
| Monroe, Frank Pliny. | *Watertown, N.Y.* | Mid. Hall, 7. |
| Ralph, Clarence Stillman. | *West Windsor, Vt.* | Mid. Hall, 15. |
| Richardson, Anson Montford. | *West Gloucester.* | Mid. Hall, 16. |
| Tibbets, Frederick Washington. | *Gloucester.* | West Hall, 6. |
| Virgin, Harry Rust. | *Portland, Me.* | East Hall, 14. |
| Wells, Abelard Eulah. | *No. Falmouth, Me.* | East Hall, 2. |

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| | | |
|---|---|---|
| Lane, Robert Ellery. | *Norton.* | Mid. Hall, 15. |
| Perry, Wallace Matteson. | *Berlin, Wis.* | East Hall, 18. |
| Westall, Henry Addison. | *Asheville, N. C.* | West Hall, 13. |

### FOR THE DEGREE OF B. PH.

| | | |
|---|---|---|
| Fuller, William. | *Le Roy, N. Y.* | Mid. Hall, 12. |

# ADMISSION

TO THE

# REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.*—Ovid's Metamorphoses, four books of Andrews' edition, or twelve selections of Allen and Greenough's; six books of Virgil's Æneid; four books of Cæsar's Commentaries; six Orations of Cicero; Harkness' or Allen and Geeenough's Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III.

*Greek.*—Three books of Homer's Iliad, with four books of Xenophon's Anabasis; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents.

*Mathematics.*—Eaton's or Thomson's New Practical Arithmetic; Olney's Introduction to Algebra; all of Peirce's Geometry.

*Geography and History.*—Ancient and modern Geography; Worcester's Elements of History.

*English Grammar and Composition.*—Spelling; Punctuation; Structure of Sentences; Correct Use of Words; Clearness of Expression. (The examination will consist in writng a composition of one or two pages on a subject selected from standard works in English Literature. Such works will be announced in each annual catalogue, and for 1876 are as follows: Bunyan's Pilgrim's Progress; Goldsmith's Vicar of Wakefield; Campbell's Pleasures of Hope; Scott's Lady of the Lake.)

N. B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior year.

The regular examination for admission will be held, beginning on the day after Commencement, and continuing through that and the following days. A second examination will also be held on the Tuesday preceding the beginning of the College Year. The examination will begin at 8 o'clock, A.M., on each of these days.

N.B.—No Applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition which has accrued in the previous Terms of the Regular Course, unless he comes from another College; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Xenophon; Herodotus; Thucydides; Homer's Odyssey; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Olney's or Chauvenet's Geometry; Olney's Algebra.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*Roman History.*—Rawlinson's Manual.

*Lectures on the Geography and Topography of Ancient Greece.*

*Lectures on Education, and Methods and Objects of Study.*

## SOPHOMORE CLASS.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Greek Orators; Greek Dramatists; Greek Metres; Greek Prose Composition.

*Mathematics.*—Olney's Trigonometry; Olney's General Geometry and Calculus.

*Surveying*—with Practice.

*Rhetoric.*—Bain's; English Literature; Themes; Declamations.

*French.*—Languellier and Monsanto's Grammar; Lacombe, Histoire du Peuple Français; George Sand, Les Maîtres Mosaïstes.

## JUNIOR CLASS.

*German.*—Whitney's Grammar and Reader; German Composition; Lessing, Emilia Galotti; Goethe, Hermann and Dorothea; Schiller, Die Jungfrau von Orleans.

*Physics.*—with Lectures, and work in the Physical Laboratory.

*Rhetoric.*—Whately's; English Literature; Themes; Original Declamations.

*Logic.*—Jevons'.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Olney's Differential and Integral Calculus; Drafting.

*Greek.*—Plato.

*Latin.*—Juvenal; Cicero.

*Rhetoric.*—American and British Oratory; English Literature.

*French.*—Plœtz' Grammaire Française, (basée sur le latin); Brachet, Grammaire Historique; Demogeot, Histoire de la Littérature Française; Racine, Esther; Corneille, Le Cid; Molière, L'Avare.

## SENIOR CLASS.

*Political Economy.*—Bowen's, with Lectures.

*International Law.*—Woolsey's Introduction.

*Moral Philosophy.*—Fleming's Manual; Butler's Analogy, with Lectures on Christian Evidences.

*Psychology.*—Porter's ; Bain's.

*Physiology.*—Lectures.

*Botany.*—Gray's Manual.

*Geology.*—Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

*Rhetoric.*—English Literature; Forensics; Themes; Reading.

*Physics.*—Lectures, and work in the Physical Laboratory.

*Astronomy*—with Lectures.

*Lectures on Mercantile Usages.*

And one of the following

### ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*English Literature; Logic; Metaphysics.*

*Greek, Latin, French, German or Italian Language.*

*Chemistry.*—Qualitative Analysis.

*Geology; Mineralogy.*

# PHILOSOPHICAL COURSE.

This Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies four years. It includes all the studies of the Regular Course, except Greek, requires additional French and German, and offers an opportunity of pursuing certain elective studies to a greater extent.

The requisitions for admission are the same as for the Regular Course, with the omission of Greek, and the addition of French, as follows: all of Otto's or Languellier and Monsanto's Grammar; six books of Télémaque.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Mathematics.*—Olney's or Chauvenet's Geometry; Olney's Algebra.

*Rhetoric.*—English Language and Literature; Themes; Declamations.

*Roman History.*—Rawlinson's Manual.

*French.*—Plœtz' Grammaire Française, (basée sur le latin); Brachet, Grammaire Historique; Demogeot, Histoire de la Littérature Française; Racine, Esther; Corneille, Le Cid; Molière, L'Avare.

*French History.*

*Lectures on Education, and Methods and Objects of Study.*

And one or more of the following

ELECTIVE STUDIES.

*Physics.*—Elementary, with work in the Physical Laboratory.

*Drawing ; English Language and Literature.*

## SOPHOMORE CLASS.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Mathematics.*—Olney's Trigonometry; Olney's General Geometry and Calculus.

*Rhetoric.*—Bain's; English Literature; Themes; Declamations.

*German.*—Whitney's Grammar and Reader; German Composition; Lessing, Emilia Galotti; Goethe, Hermann and Dorothea; Schiller, Die Jungfrau von Orleans.

And two or more of the following

ELECTIVE STUDIES.

*Chemistry.*—with Lectures, and Laboratory Practice.

*Physics.*—Lectures, and work in the Physical Laboratory.

*Surveying*—with Practice.

*Drawing ; English Language and Literature.*

## JUNIOR CLASS.

*German.*—Vilmar, Geschichte der deutschen Literatur; Lessing, Nathan der Weise; Goethe, Faust, Part I.; Spielhagen, Röschen vom Hofe.

*Physics*—with Lectures, and work in the Physical Laboratory.

*Rhetoric*.—Whately's; English Literature ; Themes ; Original Declamations.

*Logic.*—Jevons'.

*Chemistry.*—Theoretical and Descriptive, with Lectures, and Laboratory Practice.

And two or more of the following

ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Olney's Differential and Integral Calculus; Drafting.

*Latin.*—Juvenal; Cicero.

*Rhetoric.*—American and British Oratory; English Literature.

*Botany.*—Gray's Manual.

## SENIOR CLASS.

*Political Economy.*—Bowen's, with Lectures.

*International Law.*—Woolsey's Introduction.

*Moral Philosophy.*—Fleming's Manual; Butler's Analogy, with Lectures on Christian Evidences.

*Psychology.*—Porter's; Bain's.

*Physiology.*—Lectures.

*Botany.*—Gray's Manual.

*Geology.*—Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

*Rhetoric.*—English Literature; Forensics; Themes; Reading.

*Physics.*—Lectures, and work in the Physical Laboratory.

*Astronomy*—with Lectures.

And one or more of the following

ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*English Literature; Logic; Metaphysics.*

*Latin, French, German, or Italian Language.*

*Chemistry.*—Qualitative Analysis.

*Geology; Mineralogy.*

# ENGINEERING COURSE.

This course extends through three years, and is established for those who enter for the Degree of Civil Engineer.

The requisitions for admission are as follows : Arithmetic; Algebra, including the Theory of Equations; Plane, Solid, and Spherical Geometry; Modern Geography; Modern History, (Worcester's Elements); English Grammar and Composition, the same as for the Regular Course.

## COURSE OF STUDY.

### FIRST YEAR.

*Trigonometry.*—Plane and Spherical.

*Descriptive Geometry.*—Theory and Plates.

*Surveying.*—Theory, with Elementary Practice; Compass Surveys.

*Conic Sections.*—Discussion of Straight Lines and Curves.

*Shades and Shadows.*—Theory and Plates.

*Roads and Railroads.*—Theory and Practice of Construction.

*Drafting.*—Elementary Plane Problems: Maps of Surveys; Topographical Plans.

*Chemistry.*—Theoretical and Descriptive, with Lectures, and Laboratory Practice.

*Rhetoric.*—Bain's; Themes; Declamations.

*Lectures on Education, and Methods and Objects of Study.*

## SECOND YEAR.

*Calculus.*—Differentiation and Integration of Functions.

*Mechanics.*—Theory; Solids and Fluids; Applied Mechanics, with Lectures on Construction.

*Drafting.*—Architectural and Mechanical; Perspective; Structures.

*Field Engineering.*—Topographical and Levelling; Levelling for Sections.

*Iron Manufacture.*—Reduction of Ores; Cast, Wrought, and Malleable Iron; Steel.

*French.*—Languellier and Monsanto's Grammar; Lacombe, Histoire du Peuple Français; George Sand, Les Maîtres Mosaïstes.

*Mineralogy.*—Lectures.

*Geology.*—Lectures.

*Astronomy*—with Lectures.

*Rhetoric.*—Declamation.

## THIRD YEAR.

*Calculus.*—Lectures.

*Mechanics.*—Applied, with Lectures on Construction.

*Engineering.*—Theory, with examples in Construction; Principles and Practice.

*Drafting.*—Finished, Half-finished, and Working Drawings; Plans; Profiles; Sections.

*Field Engineering.*—Location of Works; Staking out for Construction.

*Construction.*—Engineering and Architectural Works.

*Steam Engine.*—Theory and Construction of Engines and Boilers.

*Blow-pipe Analysis.*

*Political Economy.*—Bowen's, with Lectures.

*Moral Philosophy.*—Fleming's Manual; Butler's Analogy, with Lectures on Christian Evidences.

*International Law.*—Woolsey's Introduction.

*Rhetoric.*—Reading.

EXAMINATIONS.—Written examinations of all the classes are held at stated intervals, or on completion of studies. There is also a public examination, in writing, of all the classes, during not less than seven days, at the close of each year.

RELIGIOUS OBSERVANCES.—All resident Students are required to attend Morning Prayers, and the Reading of the Scriptures, in the Chapel.

All resident Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend regularly at some other place.

RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a Clergyman or a Layman, on a subject prescribed by the testator.

LIBRARY.—The Library contains upwards of 16,000 volumes, including those of the Historical Society, and more than 5,000 pamphlets.

Joy Library Fund.—The income of a fund of twelve hundred dollars, the donation of John D. W. Joy, Esq., of Boston, is devoted to the purchase of books for the Library, preference being given to the Department of Philology.

Museum.—The collection of Minerals embraces many thousand specimens, and is especially rich in rare crystals.

The Geological collection includes most of the American and European fossils and numerous casts, together with series of rocks, illustrating the several Formations.

The collection of Shells numbers more than ten thousand individuals representing over two thousand species.

There are also included in the Museum fine collections of Meteorites, Stuffed birds, and Botanical specimens.

## EXPENSES.

| | | | |
|---|---|---|---|
| College Charges, (Tuition, Care of Rooms, Incidentals,) | per year, . . | $75.00 | $75.00 |
| Half Room-rent from $15 to $37.50, | " . . | 15.00 | 37.50 |
| Board, about $3.50 per week, | " . . | 136.50 | 136.50 |
| Total, | | $226.50 | $249.00 |

Students board themselves in a Club at a price merely covering the cost. Washing is also under the direction of the Students themselves, and is had at cost. Other expenses vary with the economy of each student. Students furnish their own rooms. Bills for board and washing are payable monthly. College Charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March; the second is made immediately after Commencement, and is payable on the first day of the following College year. The second bill of the Senior year must be paid at least one day before Commencement.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FOUR HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The PERKINS SCHOLARSHIP, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

ONE OTHER, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

THREE PRIZE SCHOLARSHIPS OF NATURAL HISTORY, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. Each competitor is examined upon specimens which he has collected in the neighborhood, and has presented to the College. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

PACKARD FREE SCHOLARSHIPS.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, does not constitute any title to a second nomination.

Appointments.—The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Additional assistance, in the form of Gratuities, is rendered as circumstances from time to time require.

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

Goddard Prizes.—In the second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A prize for the best Dissertation, by a member of the Senior Class, on the following subject: "Education and the State."

A Prize for the best Greek Prose translation by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVIII, beginning, "But the Christians formed the least numerous party," and ending, "to the new religion of Christ and of Constantine;" to be translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the last two Sections of Chapter LXVIII in Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Six other prizes from the same fund are assigned as follows:—

Two Prizes of *twenty* and *ten dollars*, respectively, to the best Readers of the Senior Class.

Two Prizes of *twenty* and *ten dollars*, respectively, to members of the Junior Class for the best exhibition of improvement and skill in Elocution.

Two Prizes of *twenty* and *ten dollars*, respectively, on the same conditions to members of the Sophomore Class.

The selections for reading and declamation must be approved by the Professor of Oratory. The names of competitors for the prizes in Reading and Elocution must be handed to the President, at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior*.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

## AWARDS OF 1875.

The prizes for the last year were awarded as follows:

*For Examination in Mathematics.*

To William Davis Thayer Trefry, of the Freshman Class.

*For Latin Prose.*

To Clarence Elmore Churchill and Barnabas Ballou Platner, of the Sophomore Class.

*For Reading.*

To William Harrison Morrison, of the Senior Class.

*For Declamation.*

To Henderson Horatio Eddy and David Morse Woodbury, of the Junior Class, and Daniel Rollins Brown, of the Sophomore Class.

*Packard Prizes.*

To Arthur Parker Thombs, Senior Class.
Albert Adriance Simpson, Engineering Course, Third Year.
Byron Lee Dwinell, Junior Class.
Edwin Charles Headle, " "
William Leslie Hooper, Sophomore Class.
Edwin Chapin Bailey, Engineering Course, Second Year.
William Wooldredge Dodge, Freshman Class.
Theodore Parker Farr, " "
Urial Squires, " "
George Lycurgus Perry, Engineering Course, First Year.

## RESIDENT GRADUATES.

| NAMES. | STUDIES. | RESIDENCES. |
|---|---|---|
| Bailey, W. Lysander Cutler. ('75.) | Greek and Mod. Lang. | *Reading, Pa.* |
| Buck, Henry Chase. ('75). | Chemistry and Physics. | *Somerville.* |
| Thombs, Arthur Parker. ('75.) | Chemistry and Physics. | *Belfast, Me.* |

## MASTER'S DEGREE.

The degree of Master of Arts will be conferred on such graduates of the Regular Course, and of the Philosophical Course after 1876, as shall pursue, during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by *examination.*

The degree will be conferred, under the same conditions, on graduates of other colleges, whose courses of study have been equivalent to the courses for which the degrees of A.B. and B. Ph. are given by Tufts College.

The degree will also be conferred, until 1878, as heretofore, on every Bachelor of Arts of three years standing, or more,—who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,—on application to the President, one week, at least, before Commencement, and on payment of the fee of five dollars.

# DIVINITY SCHOOL.

## FACULTY.

Rev. ELMER H. CAPEN, President.

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

Rev. GEORGE T. KNIGHT, A.M., B.D.,
*Inst. in Rhetoric and Church History.*

## LECTURERS.

Rev. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

Rev. A. ST. JOHN CHAMBRE, A.M.,
*Lecturer on Ecclesiastical History.*

Rev. E. C. BOLLES, Ph.D.,
*Lecturer on the Relations of Science to Christianity.*

# STUDENTS.

## FIRST YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Bush, Richard Perry. | *Provincetown.* | West Hall, 31. |
| Hammatt, Albert. | *West Somerville.* | West Hall, 30. |
| Kellerman, Robert Scott. | *Cedar Hill, O.* | West Hall, 27. |
| Sprague, Francis Willard, A.B.<br>(*Phila. High School*). | *Phila., Pa.* | West Hall, 26. |
| White, Albert Corydon. | *Columbus, O.* | West Hall, 30. |

## SECOND YEAR.

| | | |
|---|---|---|
| Broeffle, James William. | *Scotch Bush, N.Y.* | West Hall, 22. |
| Dillingham, Fred Augustine, A.B. | *Auburn, Me.* | West Hall, 26. |
| Earle, Elmer Ralph. | *Charleston, S.C.* | West Hall, 27. |
| Gaskin, William Elbridge. | *Nashua, N.H.* | West Hall, 23. |
| Hatch, Charles Shelden. | *Attica, N.Y.* | West Hall, 1. |
| Jenkins, Granville Wallingford. | *Chelsea.* | West Hall, 22. |
| Morrison, William Harrison, A.B. | *Farmington, Me.* | West Hall. 14. |
| Nash, Charles Elwood, A.B.<br>(*Lombard Univ.*) | *Rockland, Me.* | West Hall, 24. |
| Tenney, Charles Rockwell. | *Norway, Me.* | West Hall, 1. |

## THIRD YEAR.

| NAMES. | RESIDENCES. | ROOMS. |
|---|---|---|
| Barnes, George M. Dallas, A.B. (*Asbury Coll.*) | *Kokomo, Ind.* | West Hall, 25. |
| Bisbee, Fred Adelbert. | *Binghamton, N.Y.* | West Hall, 24. |
| Eaton, Charles Henry, A.B. | *Boston.* | West Hall, 28. |
| Goldsmith, Charles Francis. | *Lynn.* | West Hall, 23. |
| Vail, Walter Scott. | *Effingham, Ill.* | West Hall, 21. |
| Whitman, Harrison Spofford, A.B. (*Bowdoin Coll.*) | *Bryant's Pond, Me.* | West Hall, 25. |
| Woodbridge, Warren Samuel, A.B. | *North Cambridge.* | West Hall, 28. |

## FOURTH YEAR.

| | | |
|---|---|---|
| Stiles, William Curtis. | *Norway, Me.* | West Hall, 21. |

## RESIDENT GRADUATE.

| | |
|---|---|
| Illman, Thomas Weston, A.B., B.D., | *West Hall*, 38. |

# ADMISSION

TO THE

# THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the Academic year. [See Calendar].

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education,and it is desirable that they should have some knowledge of the Latin and Greek Languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course in Theology, shall take, as preliminary, a full Collegiate Course of study. The call is for men of liberal culture, and it has been found that Academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four-years course has been instituted. It is not to be expected that this will prove a full equivalent of a Collegiate and a Professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time, that important factor in education gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction, and a new impetus to all of his efforts. This course is therefore recommended to all who cannot avail themselves of a preparatory Collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

*Rhetoric.*—Principles of Effective Speech ; Rhetorical Analysis ; Themes.

*Logic.*—Psychological Data ; The Notion and Proposition ; Deduction.

*Hebrew Language.* *Greek Language.*

*History.*—Biblical History and Geography.

*Biblical Archæology.*

*Old Testament.*—Introduction to study of ; Critical Reading of the Historical Books ; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

## SECOND YEAR.

*Rhetoric.*—Studies in English Oratory ; Analysis of Arguments.

*Logic.*—Induction ; Definition ; Logic of the Sciences ; Fallacies.

*Psychology.*—The Intellect, its Function, Development, and Faculties ; Historical Statement of the Leading Questions of Mental Philosophy.

*German Language.* *Greek of the New Testament.*

*History.*—Ancient and Modern Church History.

*New Testament.*—Introduction to Study of the Gospels ; Principles of Interpretation ; Exegesis ; Exegetical Essays by the Class.

*Homiletics.*—History of Preaching ; Analysis of the Sermon.

## THIRD YEAR.

*Psychology.*—Facts of the Moral Nature ; Ethical Theories ; The Will ; Christian Ethics.

*History.*—History of Doctrines.

*Exegesis.*—Study of Selected Epistles ; Exegetical Essays by the Class.

*Theology.*—Systematic Theology.

*Homiletics.*—Study of Sermons ; Composition and Delivery of Sermons.

*Christian Evidences.*

## FOURTH YEAR.

*Theology.*—Systematic and Comparative ; Distinctive Doctrines of Universalism.

*Natural Theology.*—Nature and Grounds of the Theistic Arguments ; Special Studies with reference to the Evidences of Order and Design ; Analogy of Nature and Religion ; Relations of Science and Christianity.

*Homiletics.*—Composition and Delivery of Sermons ; Practice in Extemporaneous Speaking.

*Church Government.*—Polity ; Membership and Offices of the Church.

*Pastoral Theology.*—Pastoral Care ; Ordinances of Worship ; Systematic Beneficence ; The Christian Spirit and Life.

The Full Course occupies three years for Bachelors of Arts ; for all others, four years.

The Special Courses occupy respectively, one, two, and three years.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

Elocution.—Instruction in Elocution is given throughout the Course by Professor Moses T. Brown.

French Language.—Students may receive instruction in French, in the Academical department.

Lectures.—Students are permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

Essays.—In each department of study, students are required to write essays on the most important topics.

Sermons.—The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

Examinations.—Written reviews are held monthly in all departments. At the end of each term, students are subject to a public written examination upon the work of the term.

Devotional Exercises.—Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

Societies.—There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

Libraries.—Students have free access to the general library of the College, also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

General Facilities.—Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted Divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

DEGREE.—The Degree of BACHELOR OF DIVINITY is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

DIPLOMAS certifying to attainments are conferred upon those who have taken one of the Special Courses.

ROOMS, EXPENSES, ETC.—The rooms assigned to the Divinity Students, are in the West Hall, recently built, and are large, well-ventilated apartments. Each Study is provided with suitable furniture; and the bed-room adjoining each study is furnished with bedstead, mattress, bureau, etc. The only articles that the students need to provide, are bedding and towels.

Tuition, room-rent, and use of furniture, free. The students have only to make provision for board, fuel, lights, and washing. The Adams Club furnishes board at a price which merely covers the actual cost.

The General Convention of Universalists aids students by a system of loans; and those in the regular course, who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

## RULES OF THE CONVENTION.

I. Each applicant for aid must present unexceptionable recommendations as to his moral and religious character. He must give evidence that he is a member in good standing of a Universalist Church, and that he possesses those graces and gifts which promise usefulness in the Christian Ministry. He must well sustain an examination in the ordinary branches of an English Education. It is desirable, also, that he shall have pursued a course of classical study, sufficiently at least, to have gained an acquaintance with the Greek of the New Testament. He shall make declaration of his desire and purpose to devote his life to the ministry of the Universalist Church, and affirm his acceptance of the Winchester Confession of Faith. It is only in view of such a desire and purpose that he is aided.

II. Each beneficiary shall give his obligation to repay the sums received by him in five annual instalments, without interest, dating from his graduation. He shall also agree to repay, with interest, all monies received from the Board in case he fails to enter or continue in the Universalist ministry, or withdraws from study before the completion of the course, unless such failure or withdrawal be through no fault on his part. Such endorsement or security for his faithful compliance with these Rules shall be given as shall be satisfactory to the Board.

III. The Board of Trustees will discontinue aid to any student who shall neglect, or fall behind in his studies, or when from any cause he shall prove himself undeserving the help of the Convention.

IV. The appropriation for each beneficiary shall not exceed one hundred and eighty dollars per year. Partial appropriations will be made on the recommendations of the Scholarship Committee, it being understood that the amount loaned shall be the least with which beneficiaries can be carried forward in their theological course, consistently with health and the proper qualifying of themselves for their work, after making suitable efforts to assist themselves, and obtaining such aid from their friends as may be available. The appropriation will be payable to the draft of the student on the Secretary of the Convention, endorsed by the President or Principal of the school—one third of the amount on the first day of October, January and April, respectively.

V. The Principal of the school shall, at the end of each year, report to the Board of Trustees the standing of each student receiving aid, as to piety, talents, diligence, scholarship, prudence, health and general influence.

VI. Each applicant before receiving his first appropriation, shall subscribe to the within obligation, and shall present a certificate and guarantee according to the accompanying forms.

# CALENDAR.

AFTER 1875-6 THE ACADEMICAL YEAR WILL CONSIST OF A SINGLE SESSION OF THIRTY-NINE WEEKS, FOLLOWED BY A VACATION OF THIRTEEN WEEKS.

1875.

| | | | |
|---|---|---|---|
| Sept. | 9. | Term begins | Thursday morning. |
| Sept. | 12. | Russell Lecture | Sunday, 4 P.M. |

*Recess from the Wednesday evening before Thanksgiving to the following Sunday evening.*

1876.

| | | | |
|---|---|---|---|
| Feb. | 2. | First Term ends | Wednesday evening. |

Winter Vacation, Two Weeks.

| | | | |
|---|---|---|---|
| Feb. | 17. | Second Term begins | Thursday morning. |
| May | 24. | Commencement Parts assigned Wednesday. | |
| June | 11. | Sermon before Grad. Class Div. School, Sunday. | |
| June | 13. | Prize Speaking and Reading, Tuesday, P.M. | |
| June | 14. | Anniversary Divinity School, Wednesday. | |
| June | 18. | Baccalaureate Sermon | Sunday. |
| June | 21. | Commencement last Wednesday but one in June. | |
| June | 22. | Examination for Admission | Thursday, 8 A.M. |

Summer Vacation, Thirteen Weeks.

| | | | |
|---|---|---|---|
| Sept. | 19. | Second Examination for Admission, Tuesday, 8 A.M. | |
| Sept. | 19. | Examination for Admission to Div. School, Tuesday. | |
| Sept. | 21. | College Year begins | Thursday morning. |
| Sept. | 24. | Russell Lecture | Sunday, 4 P.M. |

NOTE,—Trains stopping at College Hill, leave the Depot of the Lowell Railroad, in Boston, at 6.45, 10, 11.30 A.M., 12.10, 3, 5.15, 6.30, 7.30 and 10 P.M. Return at 6.20, 7.20, 8.12, 10.35, A.M., 1.35, 3.08, 4.20, 5.20, 6.51, 9.20, P.M. The College is four miles from Boston. Post-Office address, College Hill, Mass.

A

# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE.

1876-7.

BOSTON:
PRINTED BY JOHN S. SPOONER,
PROVINCE STREET.

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CHARLES S. FOBES, A.M., *Portland, Me.*

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# AND GOVERNMENT.

---

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*And Professor of Moral Philosophy and Political Economy.*

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*Packard Professor of Christian Theology.*

JOHN P. MARSHALL, A.M.,
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JEROME SCHNEIDER, Ph. D.,
*Professor of the Greek Language and Literature.*

HEMAN A. DEARBORN, A.M.,
*Professor of the Latin Language and Literature.*

BENJAMIN G. BROWN, A.M.,
*Walker Professor of Mathematics.*

WILLIAM R. SHIPMAN, A.M.,
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AMOS E. DOLBEAR, A.M., M.E.,
*Professor of Physics and Astronomy.*

MOSES T. BROWN, A.M.,
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*Goddard Professor of Homiletics and Pastoral Theology.*

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*Professor of Psychology and Natural Theology.*

S. MINOT PITMAN, A.M.B.,
*Instructor in Chemistry, and Walker Special Inst. in Mathematics.*

GEORGE T. KNIGHT, A.M., B.D.,
*Instructor in Rhetoric and Church History.*

HARRY WHEELER,
*Instructor in Vocal Music.*

WILLIAM R. SHIPMAN, A.M.,
*Librarian.*

# FACULTY OF THE COLLEGE.

ELMER H. CAPEN, *President.*
JOHN P. MARSHALL, A.M.
JEROME SCHNEIDER, Ph. D.
HEMAN A. DEARBORN, A.M.
BENJAMIN G. BROWN, A.M.
WILLIAM R. SHIPMAN, A.M.
AMOS E. DOLBEAR, A.M., M.E.
MOSES T. BROWN, A.M.
CHARLES E. FAY, A.M., *Secretary.*
CHARLES D. BRAY, A.M., C.E.
S. MINOT PITMAN, A.M.B.

# STUDENTS.

## SENIOR CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bill, George Edwin, | *Waltham,* | West Hall, 12. |
| Branch, Philip Nowell, | *Manchester, N.H.,* | West Hall, 9. |
| Brown, Daniel Rollins, | *Salem,* | West Hall, 8. |
| Churchill, Clarence Elmore, | *Nashua, N.H.,* | East Hall, 27. |
| Clevenger, Almon Edgar, | *Wilmington, O.,* | East Hall, 13. |
| Harrington, Frank Bishop, | *Salem,* | West Hall, 8. |
| Hooper, William Leslie, | *Marlow, N.H.,* | West Hall, 13. |
| Jordan, Charles Morrison, | *Somerville,* | West Hall, 9. |
| Murray, Charles Orlando, | *Nashua, N.H.,* | West Hall, 7. |
| Nash, Howard David, | *Columbia, Me.,* | East Hall, 23. |
| Parmenter, Charles Winfield, | *Mechanicsville, Vt.,* | East Hall, 25. |
| Platner, Barnabas Ballou, | *Cherry Val., N.Y.,* | West Hall, 16. |
| Spooner, Frank Arthur, | *Charlton,* | Mid. Hall, 8. |
| Whithed, Hamilton Lee, | *Vernon, Vt.,* | East Hall, 23. |
| Wooffindale, Charles Shiffler, | *Charlestown,* | Mid. Hall, 9. |
| Weaver, Ernest Kendall, | *Akron, O.,* | East Hall, 11. |

## JUNIOR CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Campbell, Scott Carmino, | *Rochester, Vt.*, | East Hall, 19. |
| Campbell, William Wildman, | *Rochester, Vt.*, | East Hall, 11. |
| Cushman, Charles Livingston, | *Auburn, Me.*, | East Hall, 15. |
| Dodge, William Wooldredge, | *Marblehead*, | West Hall, 11. |
| Farr, Theodore Parker, | *Franklin*, | East Hall, 10. |
| Penniman, George Wallace, | *Stoughton*, | Mr. Colley's. |
| Squires Uriel Humphrey, | *Fletcher, Vt.*, | West Hall, 2. |
| Stanton, Andrew Ambrose, | *Roxbury, Vt.*, | Mr. Joslyn's. |
| Trefry, William Davis Thayer, | *Marblehead*, | West Hall. 11. |
| Whippen, Frank Warren, | *Lynn*, | West Hall, 4. |
| Wilson, Charles Sumner, | *Salem*, | Mid. Hall, 10. |

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

| | | |
|---|---|---|
| Frost, James, | *No. Charlestown, N.H.*, | Mr. Joslyn's. |
| Peltier, Eugene Leon, | *Chester, Vt.*, | East Hall, 31. |

## SOPHOMORE CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bjorklund, Alfred Gabriel, | *Somerville.* | East Hall, 9. |
| Bradbury, J. Horatio, | *Jacksonville, Fla.,* | West Hall, 12. |
| Buzzell, Leonard Owen, | *Dayton, Me.,* | East Hall, 19. |
| Fales, Willard Henry, | *Boston,* | West Hall, 15. |
| Greene, Joseph Morse, | *Somerville,* | Mid. Hall, 12. |
| Greene, William Ripley, | *Somerville,* | Mid. Hall, 12. |
| Hutchins, William Appleton, | *Somerville,* | East Hall, 9. |
| Klinghammer, Jerome William, | *College Hill,* | Prof. Schneider's. |
| Lane, Robert Ellery, | *Norton,* | East Hall, 19. |
| Maxfield, Cyrus Estes, | *Deering, Me.,* | East Hall, 14. |
| Monroe, Frank Pliny, | *Watertown, N.Y.* | East Hall, 22. |
| Ralph, Clarence Stillman, | *West Windsor, Vt.,* | Mid. Hall, 18. |
| Richardson, Anson Montford, | *West Gloucester,* | Mid. Hall, 17. |
| Tibbets, Frederick Washington, | *Gloucester,* | West Hall, 6. |
| Virgin, Harry Rust, | *Portland Me.,* | East Hall, 14. |
| Wells, Abelard Eulah | *Falmouth, Me.,* | Mid. Hall, 18. |
| Wells, Fred Enos, | *Lynn,* | West Hall, 4. |
| Perry, Wallace Matteson, | *Berlin, Wis.,* | East Hall, 18. |
| Westall, Henry Addison, | *Asheville, N.C.,* | Mid. Hall, 7. |

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

| | | |
|---|---|---|
| Burgin, Frederick Frothingham, | *Portland, Me.,* | East Hall, 30. |
| Fuller, William, | *Fort Plain, N.Y.,* | Mid. Hall, 19. |

## FRESHMAN CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bosserman, John Elden, | *Winthrop, Me.*, | East Hall, 8. |
| Bryant, Seth Cline, | *Stoneham*, | Mid. Hall, 14. |
| Burns, Hiram Hutchins, | *Kingston*, | Mid. Hall, 14. |
| Busfield, Theodore Elmer, | *Hudson.* | Mid. Hall, 4. |
| Davis, Edwin Elwell, | *Canton*, | East Hall, 26. |
| Donovan, Lawrence John, | *Rockland*, | Mid. Hall, 4. |
| Eaton, Walter Reynolds, | *Stoneham*, | Mid. Hall, 14. |
| Eddy, Richard Henry, | *Gloucester*, | Mid. Hall, 9. |
| Foster, John Gilman, | *Derby Line, Vt.*, | West Hall, 10. |
| Friend, Walter Morrison, | *Gloucester*, | West Hall, 6. |
| Gardiner, George Arthur, | *West Acton*, | East Hall, 3. |
| Gilcreast, Walter Lee Smith, | *Methuen*, | East Hall, 6. |
| Hamilton, Frederick William, | *Portland, Me.*, | East Hall, 8. |
| Lewis, Charles Francello, | *Thompson, Conn.*, | Mid. Hall, 10. |
| Messer, Sylvester Bowman, | *Springfield, N.H.*, | Mr. Colley's. |
| Pearce, Harley Nelson, | *East Calais, Vt.*, | West Hall, 10. |
| Van Campen, Hiram, Jr., | *New Bedford*, | West Hall, 2. |
| White, Albert Corydon, | *Columbus, O.*, | East Hall, 25. |
| Wilder, Frank Wellington, | *Sterling*, | East Hall, 3. |
| Williams, Henry Hermon, | *Franklin*, | East Hall, 26. |
| Bates, Alfred, | *Cuba, O.*, | East Hall, 13. |

### FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

| | | |
|---|---|---|
| Jordan, Arthur Nelson, | *Somerville*, | East Hall, 10. |
| Leach, William Wilson, | *Monson*, | Mid. Hall, 7. |
| Marshall, Frank Fay, | *College Hill*, | Prof. Marshall's. |
| Sheldon, George Spence, | *Sheldonville*, | East Hall, 2. |
| Sherman, Robinson Morton, | *Williamsville, Vt.*, | West Hall, 10. |

# ENGINEERING COURSE.

## THIRD CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Perry, George Lycurgus, | *Berlin, Wis.,* | East Hall, 18. |

## SECOND CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Darling, Jewett, | *Charlton,* | East Hall. 22. |
| Dickinson, Aaron Crosby, | *Williamsville, Vt*, | East Hall, 30. |
| Gilcreast, Frank Webster, | *Woburn,* | East Hall, 16. |
| Towers, Charles Bullard, | *Richmond, Vt.,* | West Hall, 1. |
| Whitcomb, Adelbert Finnie, | *N. Williston, Vt.,* | West Hall, 1. |
| Whittemore, St. Clair, | *Cambridgeport,* | West Hall, 8. |

## FIRST CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Dickson, Arthur Underwood, | *Woburn,* | East Hall, 16. |
| Farnham, Levi Elmer, | *Lowell,* | East Hall, 16. |
| Little, Matthias, | *Portland, Me.,* | East Hall, 6. |
| Petrie, William, | *Watertown, N. Y.,* | Mid. Hall, 20. |
| Woodman, Lewis Cass, | *Northville, Mich.,* | Mid. Hall, 20. |

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| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Merritt, Frank, | *Scituate,* | Mid. Hall, 20. |

# ADMISSION

## TO THE

# REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.* — Ovid's Metamorphoses, twelve selections of Allen and Greenough's edition, or four books of Andrews'; six books of Virgil's Æneid; four books of Cæsar's Commentaries; seven Orations of Cicero, including the Manilian Law; Harkness' or Allen and Greenough's Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III; Smith's Roman History.

*Greek.* — Three books of Homer's Iliad, with four books of Xenophon's Anabasis; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents; outlines of the Geography and History of Ancient Greece.

*Mathematics.* — Eaton's or Thomson's New Practical Arithmetic; Olney's Introduction to Algebra; all of Peirce's Geometry.

*Geography and History.* — Modern Geography; History of the United States.

*English Grammar and Composition.*— Spelling; Punctuation; Structure of Sentences; Correct Use of Words; Clearness of Expression. (The examination will consist in writing a composition of one or two pages on a subject selected from standard works in English Literature. Such works will be announced in each annual catalogue, and for 1877 are as follows: Shakespeare's Merchant of Venice; Goldsmith's Vicar of Wakefield; Scott's Marmion.)

N. B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior Year.

The regular examination for admission will be held, beginning on the day after Commencement, and continuing through that and the following days. A second examination will also be held on the Tuesday preceding the beginning of the College Year. The examination will begin at 8 o'clock, A.M., on each of these days.

N. B.—No applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition which has accrued in the previous Terms of the Regular Course, unless he comes from another College; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.* — Livy ; Horace, Odes and Epodes ; Ramsay's Roman Antiquities ; Latin Prose Composition.

*Greek.*— Xenophon ; Herodotus ; Thucydides ; Homer's Odyssey ; Greek Dialects ; Greek Prose Composition ; Goodwin's Greek Moods and Tenses.

*Mathematics.*— Olney's Algebra ; Olney's Trigonometry.

*Rhetoric.*— English Language and Literature ; Themes ; Declamations.

*Roman History.*— Rawlinson's Manual.

*Lectures on the Geography and Topography of Ancient Greece.*

*Lectures on Education, and Methods and Objects of Study.*

## SOPHOMORE CLASS.

*Latin.*— Horace, Satires and Epistles ; Cicero de Officiis; Germania and Agricola of Tacitus ; Latin Prose Composition.

*Greek.* — Greek Orators ; Greek Dramatists ; Greek Metres ; Greek Prose Composition.

*Mathematics.* — Olney's General Geometry and Calculus ; Applications of Trigonometry ; Olney's Geometry, Part III.

*Surveying* — with Practice.

*Rhetoric.*— English Literature ; Themes ; Declamations.

*French.* — Languellier and Monsanto's Grammar ; La Combe, Histoire du Peuple Français ; George Sand, Les Maîtres Mosaïstes.

## JUNIOR CLASS.

*German.*— Whitney's Grammar and Reader ; German Composition ; Lessing, Emilia Galotti ; Goethe, Hermann and Dorothea ; Schiller, Die Jungfrau von Orleans.

*Physics.* — With Lectures, and work in the Physical Laboratory.

*Rhetoric.* — Hepburn's ; English Literature ; Themes ; Original Declamations.

*Logic* — Jevons'.

*Botany.* — Gray's Manual.

*Chemistry.* — Theoretical and Descriptive, with Lectures and Laboratory Practice.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.* — Descriptive Geometry ; Olney's Differential and Integral Calculus ; Drafting.

*Greek.* — Plato.

*Latin.* — Juvenal ; Cicero.

*Rhetoric.* — Oratory ; Analysis of Speeches ; English Literature.

*French.* — Plœtz, Grammaire Française, (basée sur le latin) ; Brachet, Grammaire Historique ; Demogeot, Histoire de la Littérature Française ; Racine, Esther ; Corneille, Le Cid ; Molière, L'Avare.

*Chemistry.* — Theoretical and Descriptive ; Laboratory Work ; Qualitative Analysis ; Iron Manufacture.

## SENIOR CLASS.

*Political Economy.* — Fawcett's, with Lectures.

*Moral Philosophy.* — Fleming's Manual ; Butler's Analogy, with Lectures on Christian Evidences.

*Psychology.* — Porter's ; Bain's ; Day's.

*Physiology.* — Lectures.

*Geology.* — Lectures.

*Mineralogy.* — Lectures, and Blow-pipe Analysis.

*Rhetoric.* — English Literature; Forensics; Themes; Reading.

*Physics* — with Lectures.

*Astronomy* — with Lectures.

And one of the following

### ELECTIVE STUDIES.

*Mathematics.* — Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*Jurisprudence.* — Mackenzie's Roman Law; Maine's Ancient Law; Amos's Science of Law.

*English Literature; Logic; Metaphysics; Oratory.*

*Greek, Latin, French, German or Italian Language.*

*Chemistry.* — Theoretical and Descriptive; Qualitative Analysis; Iron Manufacture.

*Geology; Mineralogy; Botany.*

*Physics.* — Laboratory work; Physical Geography.

# PHILOSOPHICAL COURSE.

This Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies four years. It includes all the studies of the Regular Course, except Greek, requires additional French and German, and offers an opportunity of pursuing certain elective studies to a greater extent.

The requisitions for admission are the same as for the Regular Course, with the omission of Greek, and the addition of French, as follows: all of Otto's or Languellier and Monsanto's Grammar; six books of Télémaque.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.* — Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Mathematics.*— Olney's Algebra; Olney's Trigonometry.

*Rhetoric* — English Language and Literature; Themes; Declamations.

*Roman History.* — Rawlinson's Manual.

*French.* — Plœtz, Grammaire Française, (basée sur le latin); Brachet, Grammaire Historique; Demogeot, Histoire de la Littérature Française; Racine, Esther; Corneille, Le Cid; Molière, L'Avare.

*French History.*

*Lectures on Education, and Methods and Objects of Study.*

And one or more of the following

ELECTIVE STUDIES.

*Physics.*— Elementary, with work in the Physical Laboratory.

*Drawing; English Language and Literature.*

## SOPHOMORE CLASS.

*Latin.*— Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Mathematics.*— Olney's General Geometry and Calculus; Applications of Trigonometry, and Olney's Geometry Part III.

*Rhetoric.*— English Literature; Themes; Declamations.

*German.*— Whitney's Grammar and Reader; German Composition; Lessing, Emilia Galotti; Goethe, Hermann and Dorothea; Schiller, Die Jungfrau von Orleans.

And two or more of the following

ELECTIVE STUDIES.

*Chemistry* — with Lectures, and Laboratory Practice.

*Physics.*—Lectures, and work in the Physical Laboratory.

*Surveying* — with Practice.

*Drawing; English Language and Literature.*

## JUNIOR CLASS.

*German.* — Vilmar, Geschichte der deutschen Literatur; Lessing, Nathan der Weise; Goethe, Faust, Part I.; Spielhagen, Röschen vom Hofe.

*Physics* — with Lectures, and work in the Physical Laboratory.

*Rhetoric.* — Hepburn's; English Literature; Themes; Original Declamations.

*Logic.* — Jevons'.

*Botany.* — Gray's Manual.

*Chemistry.* — Theoretical and Descriptive, with Lectures, and Laboratory Practice.

And two or more of the following

ELECTIVE STUDIES.

*Mathematics.* — Descriptive Geometry ; Olney's Differential and Integral Calculus ; Drafting.

*Latin.* — Juvenal ; Cicero.

*Rhetoric.* — Oratory ; Analysis of Speeches; English Literature.

*Chemistry.* — Theoretical and Descriptive ; Laboratory Work ; Qualitative Analysis ; Iron Manufacture.

## SENIOR CLASS.

*Political Economy.* — Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual; Butler's Analogy, with Lectures on Christian Evidences.

*Psychology.*— Porter's ; Bain's ; Day's.

*Physiology.* — Lectures.

*Geology.* — Lectures.

*Mineralogy.* — Lectures, and Blow-pipe Analysis.

*Rhetoric.* — English Literature ; Forensics ; Themes ; Reading.

*Physics.*—Lectures, and work in the Physical Laboratory.

*Astronomy* — with Lectures.

And one or more of the following

ELECTIVE STUDIES.

*Mathematics.* — Geometry of Three Dimensions ; Mechical and Architectural Drawing ; Salmon's Conic Sections ; Advanced Mechanics.

*Jurisprudence.* — Mackenzie's Roman Law ; Maine's Ancient Law ; Amos's Science of Law.

*English Literature ; Logic ; Metaphysics.*

*Latin, French, German, or Italian Language.*

*Chemistry.* — Theoretical and Practical, Qualitative Analysis ; Iron Manufacture.

*Geology ; Mineralogy.*

## ENGINEERING COURSE.

This course extends through three years, and is established for those who enter for the Degree of Civil Engineer.

The requisitions for admission are as follows: Arithmetic; Algebra, including the Theory of Equations ; Plane, Solid, and Spherical Geometry ; Modern Geography ; History of United States ; English Grammar and Composition, the same as for the Regular Course.

A Fourth Year of study is provided for those graduate Engineers who wish to take up work in some branch of Engineering and in other departments of the College.

## COURSE OF STUDY.

### FIRST YEAR.

*Mathematics.* — Algebra finished ; Plane and Spherical Trigonometry.

*Descriptive Geometry.* — Theory and Plates.

*Surveying.* — Theory, with Elementary Practice ; Compass Surveys.

*Shades, Shadows, and Perspective.*

*Drawing.* — Elementary ; Orthographic Projection.

*Chemistry.*— Theoretical and Descriptive, with Lectures, and Laboratory Practice ; Iron Manufacture.

*French.* — Languellier and Monsanto's Grammar ; Lacombe, Histoire du Peuple Français ; George Sand, Les Maîtres Mosaïstes.

*Lectures on Education, and Methods and Objects of Study.*

## SECOND YEAR.

*Mathematics.* — Analytical Geometry ; Calculus.

*Mechanics.* — Solids and Fluids ; Heat, Light, and Electricity ; Applied Mechanics, with Lectures on Construction.

*Topography.* — Field Practice and Drawing.

*Steam Engines.* — Theory and Construction.

*Chemistry.* — Laboratory Practice ; Blow-pipe Analysis ; Photography.

*French.* — Plœtz, Grammaire Française, (basée sur le latin) ; Brachet, Grammaire Historique ; Demogeot, Histoire de la Littérature Française ; Racine, Esther ; Corneille, Le Cid ; Molière, L'Avare.

## THIRD YEAR.

*Mathematics.* — Calculus.

*Astronomy* — with Lectures.

*Mechanics.*—Applied, with Lectures on Bridges and Roofs.

*Civil Engineering.* — Strength of Materials ; Stability of Structures of Stone, Wood, and Iron ; Drainage and Sewerage ; Water Supply ; Canals and Harbors ; Water Power and Water Wheels.

*Drawing.* — Structures and Machines.

*Road Engineering.* — Surveys and Estimates.

*German.* — Whitney's Grammar and Reader ; German Composition ; Lessing, Emilia Galotti ; Goethe, Hermann and Dorothea ; Schiller, Die Jungfrau von Orleans.

EXAMINATIORS.—Written examinations of all the classes are held at stated intervals, or on completion of studies. There is also a public examination, in writing, of all the classes, during not less than seven days, at the close of each year.

RELIGIOUS OBSERVANCES.—All resident Students are required to attend Morning Prayers, and the Reading of the Scriptures, in the Chapel.

All resident Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend regularly at some other place.

RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a Clergyman or a Layman, on a subject prescribed by the testator.

LIBRARY.—The Library contains upwards of 16,000 volumes, including those of the Historical Society, and more than 5,000 pamphlets.

JOY LIBRARY FUND.—The income of a fund of twelve hundred dollars, the donation of John D. W. Joy, Esq., of Boston, is devoted to the purchase of books for the Library, preference being given to the Department of Philology.

MUSEUM.—The collection of Minerals embraces many thousand specimens, and is especially rich in rare crystals.

The Geological collection includes most of the American and European fossils and numerous casts, together with series of rocks, illustrating the several Formations.

The collection of Shells numbers more than ten thousand individuals representing over two thousand species.

There are also included in the Museum fine collections of Meteorites, Stuffed birds, and Botanical specimens.

## EXPENSES.

| | | |
|---|---|---|
| College Charges, (Tuition, Care of Rooms, Incidentals,) per year, . . | $75.00 | $75.00 |
| Half Room-rent, from $15 to $37.50, " . . | 15.00 | 37.50 |
| Board, about $3.50 per week, " . . | 136.50 | 136.50 |
| Total, | $226.50 | $249.00 |

Students board themselves in a Club at a price merely covering the cost. Washing is also under the direction of the Students themselves, and is had at cost. Other expenses vary with the economy of each student. Students furnish their own rooms. Bills for board and washing are payable monthly. College Charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March; the second is made immediately after Commencement, and is payable on the first day of the following College year. The second bill of the Senior year must be paid at least one day before Commencement.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FOUR HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The PERKINS SCHOLARSHIP, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

ONE OTHER, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

Three Prize Scholarships of Natural History, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. Each competitor is examined upon specimens which he has collected in the neighborhood, and has presented to the College. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

Packard Free Scholarships.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, does not constitute any title to a second nomination.

Appointments.—The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Additional assistance, in the shape of Gratuities, is rendered as circumstances from time to time require.

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

Goddard Prizes.—In the second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A prize for the best Dissertation, by a member of the Senior Class, on the following subject: "Education and the State."

A Prize for the best Greek Prose translation by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVIII, beginning, "But the Christians formed the least numerous party," and ending, "to the new religion of Christ and of Constantine;" to be translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the first five Sections of Chapter XL in Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Six other prizes from the same fund are assigned as follows:—

Two Prizes of *twenty* and *ten dollars*, respectively, to the best Readers of the Senior Class.

Two Prizes of *twenty* and *ten dollars*, respectively, to members of the Junior Class for the best exhibition of improvement and skill in Elocution.

Two Prizes of *twenty* and *ten dollars*, respectively, on the same conditions to members of the Sophomore Class.

The selections for reading and declamation must be approved by the Professor of Oratory. The names of competitors for the prizes in Reading and Elocution must be handed to the President, at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior*.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

# AWARDS OF 1876.

The prizes for the last year were awarded as follows:

*For Dissertation.*

To Walter Parker Beckwith, of the Senior Class.

*For Examination in Mathematics.*

To Anson Montford Richardson, of the Freshman Class. Honorable Mention is also made of Joseph Morse Greene and Jerome William Klinghammer, of the Freshman Class.

*For Latin Prose.*

To Theodore Parker Farr, of the Sophomore Class.

*For Reading.*

To Austin Barclay Fletcher, of the Senior Class ; and Edwin Chapin Bailey, of the Engineering Course, Third Year.

*For Declamation.*

To Hamilton Lee Whithed, and George Edwin Bill, of the Junior Class; and Uriel Humphrey Squires and J. Horatio Bradbury, of the Sophomore Class.

*Packard Prizes.*

To Walter Parker Beckwith, Senior Class.
Claude Bassett Leonard, “ “
Clarence Elmore Churchill, Junior Class.
Almon Edgar Clevenger, “ “
Scott Carmino Campbell, Sophomore Class.
William Davis Thayer Trefry, “ “
George Lycurgus Perry, Engineering Course, Second Year.
Frank Pliny Monroe, Freshman Class.
Jerome William Klinghammer, “ “
Anson Montford Richardson, “ “

## SPECIAL HONORS.

Special honors will be conferred at Commencement upon any Senior of the Regular Course or of the Philosophical Course who shall have complied with the following conditions :

1. He must have excelled in the required work of the study in which he desires honors, and also in the required work of two cognate studies.

2. In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction.

3. He must pass an examination before a committee of the Faculty, on as much extra work in the study in which he desires honors, as would be equal to two hours a week for a year. This examination may be either oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

The following Departments are open for Honors : I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. English Literature, VI. Philosophy, VII. Modern Languages, VIII. Classics.

A student must apply for honors not later than the beginning of his Senior year, and may make up his standing in any Study in which he is deficient.

The grade of honors as well as the Department will be mentioned in the diploma and printed in the catalogue.

Special requisitions may be made in any Department.

## MASTER'S DEGREE.

The degree of Master of Arts will be conferred on such graduates of the Regular Course, and of the Philosophical Course, as shall pursue during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by *examination.*

The degree will be conferred, under the same conditions, on graduates of other colleges, whose courses of study have been equivalent to the courses for which the degrees of A.B. and B. Ph. are given by Tufts College.

The degree will also be conferred, until 1878, as heretofore, on every Bachelor of Arts of three years standing, or more, — who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,— on application to the President, one week, at least, before Commencement, and on payment of the fee of five dollars.

# DIVINITY SCHOOL.

## FACULTY.

REV. ELMER H. CAPEN, PRESIDENT.

REV. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

REV. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

REV. GEORGE T. KNIGHT, A.M., B.D.,
*Inst. in Rhetoric and Church History.*

MOSES T. BROWN, A.M.,
*Professor of Oratory.*

## LECTURERS.

REV. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

REV. A. ST. JOHN CHAMBRÉ, A.M.,
*Lecturer on Ecclesiastical History.*

REV. E. C. BOLLES, PH.D.,
*Lecturer on the Relations of Science to Christianity.*

# STUDENTS.

## FIRST YEAR.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Barber, William Moses, | *Westmoreland, N.H.,* | West Hall, 3. |
| Bartlett, Francis Justin, | *Readsboro', Vt ,* | West Hall, 30. |
| Biggs, Samuel Royal Harrod, | *Mt. Gilead, Ohio,* | Mid. Hall, 2. |
| Houghton, Frederick Mason, | *Norway, Maine,* | West Hall, 32. |
| Illman, Henry Atwood, | *Philadelphia, Pa.,* | West Hall, 31. |
| Kimball, Robert Greene, | *Essex, Mass ,* | East Hall, 28. |
| Lord, Francis Edgar, | *Readsboro', Vt.,* | West Hall, 30. |
| Saum, David Franklin, | *Columbus, Ohio,* | East Hall, 28. |
| Smith, James Edward, | *Mt. Gilead, Ohio,* | Mid. Hall, 2. |
| Stacy, Arthur, | *Augusta, Maine,* | West Hall, 27. |
| Vannevar, John, | *Malden, Mass.,* | West Hall, 31. |

## SECOND YEAR.

| | | |
|---|---|---|
| Bush, Richard Perry, | *Provincetown,* | West Hall, 22. |
| Hammatt, Albert, | *West Somerville,* | West Hall, 22. |
| Kellerman, Robert Scott, | *Cedar Hill, O.,* | Dr. Sawyer's. |
| Sprague, Francis Willard, A.B.,<br>(*Phila. High School.*) | *Phila. Pa.,* | West Hall, 26. |

## THIRD YEAR.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Broeffle, James William, | *Scotch Bush, N.Y.*, | West Hall, 29. |
| Dillingham, Fred Augustine, A.B. | *Auburn, Me.*, | West Hall, 26. |
| Earle, Elmer Ralph, | *Charlestown, S.C.*, | West Hall, 27. |
| Gaskin, William Elbridge, | *Nashua, N.H.*, | West Hall, 23. |
| Hatch, Charles Shelden, | *Attica, N.Y.*, | West Hall, 3. |
| Jenkins, Granville Wallingford, | *Chelsea*, | Mrs. Mellen's. |
| Morrison, William Harrison, A.B., | *Farmington, Me.*, | Mid. Hall. 11. |
| Nash, Charles Elwood, A.B., (*Lombard Univ.*) | *Rockland, Me.*, | West Hall, 25. |
| Tenney, Charles Rockwell, | *Norway, Me.*, | West Hall, 32. |

## FOURTH YEAR.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Barnes George M. Dallas, A.B., (*Asbury Coll.*) | *Kokomo, Ind.*, | West Hall, 21. |
| Bisbee, Fred Adelbert, | *Binghampton, N.Y.*, | West Hall, 25. |
| Eaton, Charles Henry, A.B., | *Boston*, | West Hall, 28. |
| Goldsmith, Charles Francis, | *Lynn*, | West Hall, 23. |
| Vail, Walter Scott, | *Effingham, Ill.*, | West Hall, 21. |
| Whitman, Harrison Spofford, A.B., (*Bowdoin Coll.*) | *College Hill.* | |
| Woodbridge, Warren Samuel, A.B., | *North Cambridge*, | West Hall, 28. |

# ADMISSION

### TO THE

# THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the Academic year. [See Calendar.]

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education, and it is desirable that they should have some knowledge of the Latin and Greek Languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of Theology, shall take, as preliminary, a full Collegiate Course of study. The call is for men of liberal culture, and it has been found that Academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of

such, and yet provide for thorough training and comprehensive development, a four years course has been instituted. It is not to be expected that this will prove a full equivalent of a Collegiate and a Professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time that important factor in education gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction, and a new impetus to all of his efforts. This course is therefore recommended to all who cannot avail themselves of a preparatory Collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

*Rhetoric.* — Principles of Effective Speech; Rhetorical Analysis; Themes.

*Logic.* — Psychological Data; The Notion and Proposition; Deduction.

*Greek Language.*

*History.* — Biblical History and Geography.

*Biblical Archælogy.*

*German Language.*

*Old Testament.* — Introduction to study of; Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

## SECOND YEAR.

*The Greek of the Gospels.*

*Rhetoric.* — Studies in English Oratory; Analysis of Arguments.

*Logic.* — Induction; Definition; Logic of the Sciences; Fallacies.

*Psychology.* — The Intellect, its Functions, Developments, and Faculties; Historical Statement of the Leading Questions of Mental Philosophy.

*German Language.*

*History.* — Ancient and Modern Church History.

*New Testament.*— Introduction to Study of the Gospels; Principles of interpretation; Exegesis; Exegetical Essays by the Class.

*Homiletics.* — History of Preaching; Analysis of the Sermon.

*Hebrew Language.*

## THIRD YEAR.

*Psychology.* — Facts of the Moral Nature; Ethical Theories; The Will; Christian Ethics.

*History.* — History of Doctrines.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.* — Systematic Theology.

*Homiletics.* — Study of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*

## FOURTH YEAR.

*Theology.* — Systematic and Comparative; Distinctive Doctrines of Universalism.

*Natural Theology.* — Nature and Grounds of the Theistic Arguments; Special Studies with reference to the Evidences of Order and Design; Analogy of Nature and Religion; Relations of Science and Christianity.

*Homiletics.* — Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.* — Polity; Membership and Offices of the Church.

*Pastoral Theology.* — Pastoral Care; Ordinances of Worship; Systematic Beneficence; The Christian Spirit and Life.

ESSAYS.—In each department of study, students are required to write essays on the most important topics.

SERMONS.—The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

EXAMINATIONS.—Written reviews are held monthly in all departments. At the end of each term, students are subject to a public written examination upon the work of the term.

DEVOTIONAL EXERCISES.—Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

The FULL COURSE occupies three years for Bachelors of Arts; for all others, four years.

The SPECIAL COURSES occupy respectively, one, two, and three years.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

FRENCH LANGUAGE.— Students may receive instruction in French, in the Academical department.

LECTURES.—Students are permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

SOCIETIES.—There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

LIBRARIES.—Students have free access to the general library of the College, also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

GENERAL FACILITIES.—Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted Divines of New Eng-

land officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

DEGREE.—The Degree of BACHELOR OF DIVINITY is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

DIPLOMAS certifying to attainments are conferred upon those who have taken one of the Special Courses.

ROOMS, EXPENSES, ETC.—The rooms assigned to the Divinity Students, are in the West Hall, recently built, and are large, well-ventilated apartments. Each Study is provided with suitable furniture; and the bed-room adjoining each study is furnished with bedstead, mattress, bureau, etc. The only articles that the students need to provide, are stove, bedding and towels.

Tuition, room-rent, and use of furniture, free. The students have only to make provision for board, fuel, lights, and washing. The Adams Club furnishes board at a price which merely covers the actual cost.

The General Convention of Universalists aids students by a system of loans; and those in the regular course, who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

# RULES OF THE CONVENTION.

I. Each applicant for aid must present unexceptionable recommendations as to his moral and religious character. He must give evidence that he is a member in good standing of a Universalist Church, and that he possesses those graces and gifts which promise usefulness in the Christian Ministry. He must well sustain an examination in the ordinary branches of an English Education. It is desirable, also, that he shall have pursued a course of classical study, sufficiently at least, to have gained an acquaintance with the Greek of the New Testament. He shall make declaration of his desire and purpose to devote his life to the ministry of the Universalist Church, and affirm his acceptance of the Winchester Confession of Faith. It is only in view of such a desire and purpose that he is aided.

II. Each beneficiary shall give his obligation to repay the sums received by him in five annual instalments, without interest, dating from his graduation. He shall also agree to repay, with interest, all monies received from the Board in case he fails to enter or continue in the Universalist ministry, or withdraws from study before the completion of the course, unless such failure or withdrawal be through no fault on his part. Such endorsement or security for his faithful compliance with these Rules shall be given as shall be satisfactory to the Board.

III. The Board of Trustees will discontinue aid to any student who shall neglect, or fall behind in his studies, or when from any cause he shall prove himself undeserving the help of the Convention.

IV. The appropriation for each beneficiary shall not exceed one hundred and eighty dollars per year. Partial appropriations will be made on recommendations of the Scholarship Committee, it being understood that the amount loaned shall be the least with which beneficiaries can be carried forward in their theological course, consistently with health and the proper qualifying of themselves for their work after making suitable efforts to assist themselves, and obtaining such aid from their friends as may be available. The appropriation will be payable to the draft of the student on the Secretary of the Convention, endorsed by the President or Principal of the school — one third of the amount on the first day of October, January and April, respectively.

V. The Principal of the school shall, at the end of each year, report to the Board of Trustees the standing of each student receiving aid, as to piety, talents, diligence, scholarship, prudence, health and general influence.

VI. Each applicant before receiving his first appropriation, shall subscribe to the within obligation, and shall present a certificate and guarantee according to the accompanying forms.

# CALENDAR.

1876.

| | | | |
|---|---|---|---|
| Sept. | 21. | Term begins, | Thursday morning. |
| Sept. | 24. | Russell Lecture, | Sunday, 4 P.M. |

*Recess from the day preceding Christmas to the day following New Years, both inclusive.*

1877.

| | | |
|---|---|---|
| May | 23. | Commencement Parts assigned, Wednesday. |
| June | 10. | Sermon before Grad. Class Div. School, Sunday. |
| June | 12. | Prize Speaking and Reading, Tuesday, P.M. |
| June | 13. | Anniversary Divinity School, Wednesday. |
| June | 17. | Baccalaureate Sermon, Sunday. |
| June | 20. | Commencement, last Wednesday but one in June. |
| June | 21. | Examination for Admission, Thursday, 8 A.M. |

SUMMER VACATION, THIRTEEN WEEKS.

| | | |
|---|---|---|
| Sept. | 18. | Second Examination for Admission, Tuesday, 8 A.M. |
| Sept. | 18. | Examination for Admission to Div. School, Tuesday. |
| Sept. | 20. | College Year begins, Thursday morning. |
| Sept. | 23. | Russell Lecture, Sunday, 4 P.M. |

NOTE.—Trains stopping at College Hill, leave the Depot of the Lowell Railroad, in Boston, at 6.45, 10, 11.30 A.M., 12.10, 3, 5.10 6.30, 7.30 and 10.15 P.M. Return at 6.20, 7.20, 8.12, 10.35, A.M., 1.35, 3.06, 4.20, 5.20, 6.51, 9.20, P.M. The College is four miles from Boston. Post-Office address, College Hill, Mass.

A

# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE.

## 1877-8.

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PRINTED BY JOHN S. SPOONER,
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GEORGE L. PERRY, C.E.

# STUDENTS.

## SENIOR CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Campbell, Scott Carmino, | *Rochester, Vt.,* | East Hall, 23. |
| Cushman, Charles Livingston, | *Auburn, Me.,* | Mr. Earley's. |
| Dodge, William Wooldredge, | *Marblehead,* | West Hall, 12. |
| Farr, Theodore Parker, | *Franklin,* | East Hall, 25. |
| Peltier, Eugene Leon, | *Chester, Vt.,* | East Hall, 23. |
| Squires, Uriel Humphrey, | *Fletcher, Vt.,* | Mr. Earley's. |
| Stanton, Andrew Ambrose, | *Roxbury, Vt.,* | East Hall, 25. |
| Trefry, William Davis Thayer, | *Marblehead,* | West Hall, 12. |
| Whippen, Frank Warren, | *Lynn,* | West Hall, 9. |

## JUNIOR CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bjorklund, Alfred Gabriel, | *Somerville,* | East Hall, 18. |
| Bradbury, J. Horatio, | *Jacksonville, Fla.,* | West Hall, 15. |
| Buzzell, Leonard Owen, | *Dayton, Me.,* | East Hall, 30. |
| Fales, Willard Henry, | *Boston,* | West Hall, 16. |
| Greene, Joseph Morse, | *Somerville,* | Mid. Hall, 12. |
| Hutchins, William Appleton, | *Somerville,* | East Hall, 18. |
| Klinghammer, Jerome William, | *College Hill,* | Prof. Schneider's. |
| Lane, Robert Ellery, | *Norton,* | East Hall, 30. |
| Maxfield, Cyrus Estes, | *Deering, Me.,* | West Hall, 1. |
| Monroe, Frank Pliny, | *Watertown, N. Y.,* | East Hall, 22. |
| Penniman, George Wallace, | *Stoughton,* | East Hall. 31. |
| Perry, Wallace Matteson, | *Berlin, Wis.,* | East Hall, 11. |
| Ralph, Clarence Stillman, | *West Windsor, Vt.,* | East Hall, 15. |
| Richardson, Anson Montford, | *West Gloucester,* | Mid. Hall, 17. |
| Tibbets, Frederick Washington, | *Gloucester,* | West Hall, 10. |
| Virgin, Harry Rust, | *Portland, Me.,* | West Hall, 1. |
| Wells, Abelard Eulah, | *West Dedham,* | West Hall, 7. |
| Wells, Fred Enos, | *Lynn,* | West Hall, 9. |
| Burgin, Frederick Frothingham, | *Portland, Me.,* | West Hall, 1. |
| Fuller, William, | *Fort Plain, N. Y.,* | Mid. Hall, 18. |

### SPECIAL COURSE.

| | | |
|---|---|---|
| Anthony, Gardner Chace, | *Providence, R. I.,* | Pres. Capen's. |

# SOPHOMORE CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bosserman, John Elden, | *Winthrop, Me.*, | East Hall, 14. |
| Bryant, Seth Cline, | *Stoneham*, | Mid. Hall, 19. |
| Burns, Hiram Hutchins, | *Kingston*, | Mid. Hall, 19. |
| Busfield, Theodore Elmer, | *Hudson*, | Mid. Hall, 4. |
| Davis, Edwin Elwell, | *Canton*, | West Hall, 11. |
| Donovan, Lawrence John, | *Rockland*, | Mid. Hall, 4. |
| Eaton, Walter Reynolds, | *Stoneham*, | Mid. Hall, 19. |
| Eddy, Richard Henry, | *College Hill*, | Rev. Mr. Eddy's. |
| Foster, John Gilman, | *Derby Line, Vt.*, | West Hall, 2. |
| Friend, Walter Morrison, | *Gloucester*, | West Hall, 10. |
| Gardner, George Arthur, | *West Acton*, | West Hall, 14. |
| Gilcreast, Walter Lee Smith, | *Methuen*, | East Hall, 10. |
| Hamilton, Frederic William, | *Portland, Me.*, | West Hall, 3. |
| Meloon, Joseph Loring, | *Nashua, N. H.*, | Mr. White's. |
| Messer, Sylvester Bowman, | *Springfield, N. H.*, | East Hall, 31. |
| Pearce, Harley Nelson, | *East Calais, Vt.*, | West Hall, 2. |
| Van Campen, Hiram, Jr., | *New Bedford*, | West Hall, 4. |
| Wilder, Frank Wellington, | *Sterling*, | West Hall, 3. |
| Williams, Henry Hermon, | *Franklin*, | East Hall, 26. |
| Leach, William Wilson, | *Monson*, | East Hall, 14. |
| Sheldon, George Spence, | *Sheldonville*, | Mid. Hall, 8. |
| Sherman, Robinson Morton, | *Williamsville, Vt.*, | West Hall, 2. |

# FRESHMAN CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bartholomew, John May, | *Franklin,* | East Hall, 2. |
| Cate, George Wilbur, | *Calais, Vt.,* | East Hall, 13. |
| Cook, Irving Sherburne, | *Woonsocket, R. I.,* | East Hall, 27. |
| Cummings, Joseph, Jr., | *College Hill,* | Mrs. Cummings'. |
| Denison, Lucius Hobart, | *Norway, Me.,* | West Hall, 15. |
| Friend, Arthur Procter, | *Gloucester,* | West Hall, 10. |
| Gowing, Fred, | *Medford,* | Mid. Hall, 14. |
| Leonard, Charles Gale, | *College Hill,* | Prof. Leonard's. |
| Mack, William Elwin, | *Woodstock, Vt.,* | East Hall, 15. |
| Meserve, Henry Clifford, | *North Jay, Me.,* | East Hall, 8. |
| Powers, Edmund Wilson, | *Sterling,* | West Hall, 14. |
| Presho, Edward Webb, | *Charlestown,* | Mid. Hall, 14. |
| Whitney, Murray Don, | *Williston, Vt.,* | East Hall, 13. |
| Burt, Frank Leslie, | *Adams,* | East Hall, 26. |
| Hall, Mandeville, | *Dixfield, Me.,* | East Hall, 8. |

# ENGINEERING COURSE.

## THIRD CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Darling, Jewett, | *Charlton,* | East Hall, 22. |
| Gilcreast, Frank Webster, | *Woburn,* | East Hall, 30. |
| Towers, Charles Bullard, | *Richmond, Vt.,* | West Hall, 6. |
| Whitcomb, Adelbert Finnie, | *N. Williston, Vt.,* | West Hall 6. |

## SECOND CLASS.

| | | |
|---|---|---|
| Dickinson, Aaron Crosby, | *Williamsville, Vt.,* | West Hall, 8. |
| Dickson, Arthur Underwood, | *Woburn,* | West Hall, 13. |
| Farnham, Levi Elmer, | *Lowell,* | East Hall, 30. |
| Little, Matthias, | *Portland, Me.,* | East Hall, 10. |
| Merritt, Frank, | *Scituate,* | East Hall, 19. |
| Petrie, William. | *Watertown, N. Y.,* | East Hall, 19. |
| Whittemore, St. Clair, | *Cambridgeport,* | West Hall, 8. |
| Silveira, Jose Luiz Monteiro da, | *Rio de Janeiro, Brazil,* | Mr. Joslyn's. |

## FIRST CLASS.

| | | |
|---|---|---|
| Carpenter, Frederick Albert, | *Franklin,* | East Hall, 2. |
| Chandler, George Washington, | *Tewksbury,* | Mid. Hall. 14. |
| Putnam, James Herbert, | *Danvers,* | East Hall, 27. |
| Silva, Octavio Pasheco, | *Campinas, S. P., Brazil,* | Mr. Joslyn's. |

# ADMISSION

## TO THE

# REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.*—Ovid's Metamorphoses, twelve selections of Allen and Greenough's edition, or four books of Andrews'; six books of Virgil's Æneid; four books of Cæsar's Commentaries; seven Orations of Cicero, including the Manilian Law; Allen and Greenough's or Harkness' Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III; Smith's Roman History.

*Greek.*—Three books of Homer's Iliad; four books of Xenophon's Anabasis; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents; outlines of the Geography and History of Ancient Greece.

*Mathematics.* — Eaton's or Thomson's New Practical Arithmetic, with the Metric System; Olney's Introduction to Algebra; all of Pierce's Geometry.

*Geography and History.*—Modern Geography; History of the United States.

*English Grammar and Composition.*—Spelling; Punctuation; Structure of Sentences; Correct Use of Words;

Clearness of Expression. (The examination will consist in writing a composition of one or two pages on a subject selected from standard works in English Literature. Such works will be announced in each annual catalogue, and for 1878 are as follows: Shakespeare's Julius Cæsar; Johnson's Rasselas; Scott's Marmion.)

N. B.—For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted. The same remark may be made in reference to the Course of College Studies.

For admission to an advanced Class, an examination must be well sustained, both in these studies, and in the studies through which such class has passed.

No person will be admitted after the beginning of the Senior Year.

The regular examination for admission will be held, beginning on the day after Commencement, and continuing through that and the following days. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the College Year. The examination will begin at 9 o'clock, A.M., on each of these days.

N. B.—No applicant will be examined, except upon the condition that he will join his class immediately, if admitted.

To be admitted to advanced standing, he must also pay one-half of the tuition that has accrued in the previous Terms of the Regular Course, unless he comes from another College; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June those who will be candidates for admission to the Freshman Class one year later, may present themselves for a preliminary examination, if prepared on not less than ten of the eighteen subjects enumerated on page 12, and may receive certificates if they pass on not less than seven.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Xenophon; Herodotus; Thucydides; Homer's Odyssey; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Olney's Algebra; Olney's Trigonometry.

*Rhetoric.*—Declamations.

*Roman History.*—Rawlinson's Manual.

*Lectures on the Geography and Topography of Ancient Greece.*

*Lectures on Education and Methods and Objects of Study.*

## SOPHOMORE CLASS.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Greek Orators; Greek Dramatists; Greek Metres; Greek Prose Composition.

*Mathematics.*—Howison's Analytical Geometry; Applications of Trigonometry; Olney's Geometry, Part III.

*Surveying*—with Practice.

*Rhetoric.*—Hepburn's; English Literature; Themes; Declamations.

*French.*—Languellier and Monsanto's Grammar; Lacombe, Histoire du Peuple Français.

## JUNIOR CLASS.

*German.*—Whitney's Grammar and Reader; Goethe, Hermann and Dorothea; Schiller, Die Jungfrau von Orleans.

*Physics*—with Lectures, and work in the Physical Laboratory.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Logic*—Jevons'.

*Botany.*—Gray's Manual.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

And two or more of the following

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Olney's Differential and Integral Calculus; Drafting.

*Greek.*—Plato.

*Latin.*—Juvenal; Cicero.

*Rhetoric.*—Oratory; Analysis of Speeches; English Literature.

*French.*—Demogeot, Histoire de la Littérature Française; Racine; Corneille; Molière.—Plœtz, Grammaire Française, (basée sur le latin); Brachet, Grammaire Historique.

*Chemistry.*—Theoretical and Descriptive; Laboratory Work; Qualitative Analysis; Iron Manufacture.

## SENIOR CLASS.

*Political Economy.*—Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual, with Lectures on Christian Evidences.

*Psychology.*—Porter's Human Intellect.

*Zoology.*—Orton's, with Lectures.

*Physiology.*—Lectures.

*Geology.*—Dana's, with Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

*Rhetoric.*—Forensics; Themes; Reading.

*Astronomy*—with Lectures.

And two or more of the following

### ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing ; Salmon's Conic Sections ; Advanced Mechanics.

*Jurisprudence.*—Mackenzie's Roman Law ; Maine's Ancient Law; the XLIVth Chapter of Gibbon.

*English Literature ; Logic ; Metaphysics ; Oratory.*

*Greek, Latin, French, German, or Italian Language.*

*Chemistry.*—Theoretical and Descriptive ; Qualitative Analysis ; Iron Manufacture.

*Physics.*—Physical Manipulation in Laboratory; Physical Geography.

*Biology.*—Huxley and Martin's ; Laboratory Work.

*Mineralogy.*—Blow-pipe Analysis, Qualitative and Quantitative.

# PHILOSOPHICAL COURSE.

This Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies four years. It includes all the studies of the Regular Course, except Greek, requires additional French and German, and offers an opportunity of pursuing certain elective studies to a greater extent.

The requisitions for admission are the same as for the Regular Course, with the omission of Greek, and the addition of French, as follows: all of Otto's or Languellier and Monsanto's Grammar; six books of Télémaque.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.*—Livy ; Horace, Odes and Epodes ; Ramsay's Roman Antiquities ; Latin Prose Composition.

*Mathematics.*—Olney's Algebra; Olney's Trigonometry.

*Rhetoric.*—Declamations.

*Roman History.*—Rawlinson's Manual.

*French.*—Demogeot, Histoire de la Littérature Française; Racine; Corneille; Molière.—Plœtz, Grammaire Française, (basée sur le latin); Brachet, Grammaire Historique.

*French History.*

*Lectures on Education, and Methods and Objects of Study.*

And one or more of the following

ELECTIVE STUDIES.

*Physics.*—Elementary, with work in the Physical Laboratory.

*Drawing; English Language and Literature.*

## SOPHOMORE CLASS.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Mathematics.*—Howison's Analytical Geometry; Applications of Trigonometry; Olney's Geometry, Part III.

*Surveying*—with Practice.

*Rhetoric.*—Hepburn's; English Literature; Themes; Declamations.

*German.*—Whitney's Grammar and Reader; Goethe, Hermann and Dorothea; Schiller, Die Jungfrau von Orleans.

And two or more of the following

ELECTIVE STUDIES.

*Chemistry*—with Lectures, and Laboratory Practice.

*Physics.*—Lectures, and work in the Physical Laboratory.

*Drawing; English Language and Literature.*

## JUNIOR CLASS.

*German.*—Vilmar, Geschichte der deutschen Literatur; Schiller, Wallenstein; Goethe, Faust, Part I; Spielhagen, Röschen vom Hofe.

*Physics*—with Lectures, and work in the Physical Laboratory.

*Rhetoric.*—English Literature; Themes; Original Declamations.

*Logic.*—Jevons'.

*Botany.*—Gray's Manual.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

And two or more of the following

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Olney's Differential and Integral Calculus; Drafting.

*Latin.*—Juvenal; Cicero.

*Rhetoric.*—Oratory; Analysis of Speeches; English Literature.

*Chemistry.*—Theoretical and Descriptive; Laboratory Work; Qualitative Analysis; Iron Manufacture.

## SENIOR CLASS.

*Political Economy.*—Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual, with Lectures on Christian Evidences.

*Psychology.*—Porter's Human Intellect.

*Zoology.*—Orton's, with Lectures.

*Physiology.*—Lectures.

*Geology.*—Dana's, with Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

*Rhetoric.*—Forensics; Themes; Reading.

*Astronomy*—with Lectures.

And two or more of the following

### ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*Jurisprudence.*—Mackenzie's Roman Law; Maine's Ancient Law; the XLIVth Chapter of Gibbon.

*English Literature; Logic; Metaphysics; Oratory.*

*Latin, French, German, or Italian Language.*

*Chemistry.*—Theoretical and Descriptive; Qualitative Analysis; Iron Manufacture.

*Physics.*—Physical Manipulation in Laboratory; Physical Geography.

*Biology.*—Huxley and Martin's; Laboratory work.

*Mineralogy.*—Blow-pipe Analysis, Qualitative and Quantitative.

# ENGINEERING COURSE.

This course extends through three years, and is established for those who enter for the Degree of Civil Engineer.

The requisitions for admission are as follows: Arithmetic, with the Metric System; Algebra, including the Theory of Equations; Plane, Solid, and Spherical Geometry; Modern Geography; History of the United States; English Grammar and Composition, the same as for the Regular Course.

A Fourth Year of study is provided for those graduate Engineers who wish to take up work in some branch of Engineering and in other departments of the College.

# COURSE OF STUDY.

## FIRST YEAR.

*Mathematics.*—Algebra finished; Plane and Spherical Trigonometry.

*Descriptive Geometry.*—Theory and Plates.

*Surveying.*—Theory, with Elementary Practice; Compass Surveys.

*Shades, Shadows, and Perspective.*

*Drawing.*—Elementary; Orthographic Projection.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice ; Iron Manufacture.

*French.*—Languellier and Monsanto's Grammar ; Lacombe, Histoire du Peuple Française.

*Lectures on Education, and Methods and Objects of Study.*

## SECOND YEAR.

*Mathematics.*—Analytical Geometry ; Calculus.

*Physics.*—Solids and Fluids; Heat, Light, and Electricity.

*Mechanics.*—General and Applied, with Lectures on Construction.

*Topography.*—Field Practice and Drawing.

*Steam Engines.*—Theory and Construction.

*French.*—Demogeot, Histoire de la Littérature Française; Racine; Corneille; Molière.—Plœtz, Grammaire Française, (basée sur le latin); Brachet, Grammaire Historique.

### ELECTIVE STUDIES.

*Chemistry.*—Laboratory Practice ; Blow-pipe Analysis ; Photography.

## THIRD YEAR.

*Mathematics.*—Calculus.

*Astronomy*—with Lectures.

*Mechanics.*—Applied, with Lectures on Bridges and Roofs.

*Civil Engineering.*—Strength of Materials; Stability of Structures of Stone, Wood, and Iron ; Drainage and Sewerage ; Water Supply ; Canals and Harbors ; Water Power and Water Wheels.

*Drawing.*—Structures and Machines.

*Road Engineering.*—Surveys and Estimates.

*German.*— Whitney's Grammar and Reader ; Goethe, Hermann and Dorothea; Schiller, Die Jungfrau von Orleans.

Elective Studies.—In making up the required number of sixteen recitations a week or their equivalent, seven hours are assigned to electives in the Senior year and four in the Junior year. Extra electives may be taken, if, in the judgment of the Faculty, they can be profitably pursued. Choice of electives must be indicated in writing not later than the first Saturday of the College year, and at the middle of the year a new election may be made in some of the departments.

Examinations.—Written examinations of all the classes are held at stated intervals, or on completion of studies. There is also a public examination, in writing, of all the classes, during not less than four days, at the close of each year.

Religious Observances.—All resident Students are required to attend Morning Prayers, and the Reading of the Scriptures in the Chapel.

All resident Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted for reasons of conscience to attend regularly at a church of their own denomination.

Russell Lecture.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a Clergyman or a Layman, on a subject prescribed by the testator.

Library.—The Library contains upwards of 18,000 volumes, including those of the Historical Society, and more than 5,000 pamphlets.

Joy Library Fund.—The income of a fund of twelve hundred dollars, the donation of John D. W. Joy, Esq., of Boston, is devoted to the purchase of books for the Library, preference being given to the department of Philology.

## EXPENSES.

| | | |
|---|---|---|
| College Charges, (Tuition, Care of Rooms, Incidentals,) per year, . . | $100.00 | $100.00 |
| Half Room-rent, from $15 to $37.50, " . . | 15.00 | 37.50 |
| Board, about $3.50 per week, " . . | 136.50 | 136.50 |
| Total, | 251.50 | $274.00 |

Students board themselves in a Club at a price merely covering the cost. Washing is also under the direction of the Students themselves, and is had at cost. Other expenses vary with the economy of each student. Students furnish their own rooms. Bills for board and washing are payable monthly. College Charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March; the second is made immediately after Commencement, and is payable on the first day of the following College year. The second bill of the Senior year must be paid at least one day before Commencement.

## SCHOLARSHIPS.

There are *twenty-seven Scholarships* in the gift of the College, fifteen of *sixty* and twelve of *one hundred dollars* each, as follows:

Three State Scholarships, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

Four Howland Scholarships, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

Five Walker Mathematical Scholarships, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The Perkins Scholarship, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

One other, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

Three Prize Scholarships of Natural History, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

Packard Free Scholarships.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees, on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, does not constitute any title to a second nomination.

Appointments.— The pay of the Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Additional assistance, in the shape of Gratuities, is rendered as circumstances from time to time require.

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

Goddard Prizes.—In the second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A prize for the best Dissertation, by a member of the Senior Class, on the following subject: "The Free Cities of the Middle Ages."

A Prize for the best Greek Prose translation by a member of the Junior Class, of the extract from Milman's Gibbon's Rome, Chapter XXVIII, beginning, "But the Christians formed the least numerous party," and ending, "to the new religion of Christ and of Constantine;" to be translated into Attic prose.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the last six Sections of Chapter LXI in Liddell's History of Rome.

A Prize for the best examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Six other prizes from the same fund are assigned as follows:—

Two Prizes of *twenty* and *ten dollars*, respectively, to the best Readers of the Senior Class.

Two Prizes of *twenty* and *ten dollars*, respectively to members of the Junior Class for the best exhibition of improvement and skill in Elocution.

Two Prizes of *twenty* and *ten dollars*, respectively, on the same conditions to members of the Sophomore Class.

The selections for reading and declamation must be approved by the Professor of Oratory. The names of competitors for the prize in Reading and Elocution must be handed to the President, at least *one fortnight* before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and *good behavior*.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

# AWARDS FOR 1877.

The prizes for the last year were awarded as follows:

*For Latin Prose.*

To JOSEPH MORSE GREENE and ANSON MONTFORD RICHARDSON, of the Sophomore Class.

*For Examination in Mathematics.*

To HIRAM VAN CAMPEN, Jr., of the Freshman Class.

*For Reading.*

To HAMILTON LEE WHITHED and GEORGE EDWIN BILL, of the Senior Class.

*For Declamation.*

To URIEL HUMPHREY SQUIRES and CHARLES LIVINGSTON CUSHMAN, of the Junior Class; and FREDERICK WASHINGTON TIBBETS and JOSEPH MORSE GREENE, of the Sophomore Class.

*Packard Prizes.*

To FRANK BISHOP HARRINGTON, Senior Class.
EUGENE LEON PELTIER, Junior Class.
JOSEPH MORSE GREENE, Sophomore Class.
HARRY RUST VIRGIN, " "
FREDERICK FROTHINGHAM BURGIN, Sophomore Class.
JOHN ELDEN BOSSERMAN, Freshman Class.
WALTER REYNOLDS EATON, " "
WALTER MORRISON FRIEND, " "
SYLVESTER BOWMAN MESSER, " "
FRANK MERRITT, Engineering Course, First Year.

## SPECIAL HONORS.

Special honors will be conferred at Commencement upon any Senior of the Regular Course or of the Philosophical Course who shall have complied with the following conditions:

1. He must have excelled in the required work of the study in which he desires honors, and also in the required work of two cognate studies.

2. In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction.

3. He must pass an examination before a committee of the Faculty, on as much extra work in the study in which he desires honors, as would be equal to two hours a week for a year. This examination may be either oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

The following Departments are open for Honors: I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. English Literature, VI. Philosophy, VII. Modern Languages, VIII. Classics.

A student must apply for honors not later than the beginning of his Senior year, and may make up his standing in any Study in which he is deficient.

The grade of honors as well as the Department will be mentioned in the diploma and printed in the catalogue.

Special requisitions may be made in any Department.

## MASTER'S DEGREE.

The degree of Master of Arts will be conferred on such graduates of the Regular Course, and of the Philosophical Course, as shall pursue during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by *examination.*

The degree will be conferred, under the same conditions, on graduates of other colleges, whose courses of study have been equivalent to the courses for which the degrees of A.B. and B. Ph. are given by Tufts College.

The degree will also be conferred, until 1878, as heretofore, on every Bachelor of Arts of three years standing, or more, — who, in the interval, has sustained a good moral character, and has given satisfactory evidence of having successfully pursued some professional or literary study,— on application to the President, one week, at least, before Commencement, and on payment of the fee of five dollars.

# DIVINITY SCHOOL.

## FACULTY.

Rev. ELMER H. CAPEN, President.

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

Rev. GEORGE T. KNIGHT, A.M., B.D.,
*Inst. in Rhetoric and Church History.*

MOSES T. BROWN, A.M.,
*Professor of Oratory.*

## LECTURERS.

Rev. THOMAS B. THAYER, D.D.,
*Lecturer on the Evidences of Christianity.*

Rev. A. ST. JOHN CHAMBRÉ, A.M.,
*Lecturer on Ecclesiastical History.*

Rev. E. C. BOLLES, Ph.D.,
*Lecturer on the Relations of Science to Christianity.*

# STUDENTS.

## SPECIAL COURSE.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Quimby, Israel Paul, Jr., | *West Medford.* | |

## FIRST YEAR.

| | | |
|---|---|---|
| Illman, Henry Atwood, | *Philadelphia, Pa.,* | West Hall, 26. |
| Scoboria, Joseph Lower, | *No. Somerville,* | West Hall, 30. |
| Taylor, James, | *College Hill,* | |
| Temple, Edward Foster, | *No. Somerville,* | West Hall, 30. |

## SECOND YEAR.

| | | |
|---|---|---|
| Bartlett, Francis Justin, | *Readsboro', Vt.,* | West Hall, 24. |
| Biggs, Samuel Royal Harod, | *Mt. Gilead, Ohio,* | Mid. Hall, 3. |
| Churchill, Clarence Elmore, A.B., | *Nashua, N.H.,* | West Hall, 31. |
| Houghton, Frederick Mason, | *Norway, Me.,* | West Hall, 24. |
| Perkins, Warren S., | *Niantic, Conn.,* | West Hall, 23. |
| Platner, Barnabas Ballou, A.B., | *Cherry Val., N.Y.,* | West Hall, 32. |
| Smith, James Edward, | *Mt. Gilead, Ohio,* | West Hall, 29. |
| Vannevar, John, | *Malden,* | West Hall, 26. |
| White, Albert Corydon, | *Columbus, Ohio,* | West Hall, 28. |

## THIRD YEAR.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bush, Richard Perry, | *Provincetown,* | West Hall, 22. |
| Hammatt, Albert, | *College Hill,* | West Hall, 22. |
| Kellerman, Robert Scott, | *Cedar Hill, Ohio,* | Dr. Sawyer's. |
| Sprague Francis Willard, A.B., (*Phila. High School.*) | *Philadelphia, Pa.,* | West Hall, 25. |

## FOURTH YEAR.

| | | |
|---|---|---|
| Dillingham, Fred Augustine, A.B., | *Auburn, Me.,* | West Hall, 25. |
| Earle, Elmer Ralph, | *Charleston, S. C.* | West Hall, 27. |
| Gaskin, William Elbridge, | *Nashua, N. H.,* | West Hall, 28. |
| Jenkins Granville Wallingford, | *Chelsea,* | Mrs. Mellen's. |
| Morrison, William Harrison, A.B., | *Farmington, Me.,* | Mid. Hall, 11. |
| Nash, Charles Elwood, A.B., (*Lombard Univ.*) | *Rockland Me.,* | West Hall, 21. |
| Tenney, Charles Rockwell, | *Norway, Me.,* | West Hall, 21. |

# ADMISSION

## TO THE

# THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the Academic year. [See Calendar.]

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education, and it is desirable that they should have some knowledge of the Latin and Greek Languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of Theology, shall take, as preliminary, a full Collegiate Course of study. The call is for men of liberal culture, and it has been found that Academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of

such, and yet provide for thorough training and comprehensive development, a four years course has been instituted. It is not to be expected that this will prove a full equivalent of a Collegiate and a Professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time, that important factor in education gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction, and a new impetus to all of his efforts. This course is therefore recommended to all who cannot avail themselves of a preparatory Collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

*Rhetoric.*—Principles of Effective Speech; Rhetorical Analysis; Themes.

*Logic.*—Psychological Data; The Notion and Proposition; Deduction.

*Greek Language.*

*History.*—Biblical History and Geography.

*Biblical Archæology.*

*German Language.*

*Old Testament.*—Introduction to study of; Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

## SECOND YEAR.

*The Greek of the Gospels.*

*Rhetoric.*—Studies in English Oratory; Analysis of Arguments.

*Logic.*—Induction; Definition; Logic of the Sciences; Fallacies.

*Psychology.*—The Intellect, its Functions, Developments, and Faculties; Historical Statement of the Leading Questions of Mental Philosophy.

*German Language.*

*History.*—Ancient and Modern Church History.

*New Testament.*—Introduction to Study of the Gospels; Principles of interpretation; Exegesis; Exegetical Essays by the Class.

*Homiletics.*—History of Preaching; Analysis of the Sermon.

*Hebrew Language.*

## THIRD YEAR.

*Psychology.*—Facts of the Moral Nature; Ethical Theories; The Will; Christian Ethics.

*History.*—History of Doctrines.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology.

*Homiletics.*—Study of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*

## FOURTH YEAR.

*Theology.*—Systematic and Comparative; Distinctive Doctrines of Universalism.

*Natural Theology.*—Nature and Grounds of the Theistic Arguments; Special Studies with reference to the Evidences of Order and Design; Analogy of Nature and Religion; Relations of Science and Christianity.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership and Offices of the Church.

*Pastoral Theology.*—Pastoral Care; Ordinances of Worship; Systematic Beneficence; The Christian Spirit and Life.

Essays.—In each department of study, students are required to write essays on the most important topics.

Sermons.—The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

Examinations.—Written reviews are held monthly in all departments. At the end of each term, students are subject to a public written examination upon the work of the term.

Devotional Exercises.—Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

The Full Course occupies three years for Bachelors of Arts; for all others, four years.

The Special Courses occupy respectively, one, two, and three years.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

French Language.—Students may receive instruction in French, in the Academical department.

Lectures.—Students are permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

Societies.—There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

Libraries.—Students have free access to the general library of the College, also to the valuable library of the Universalist Historcal Society. Important public libraries of Boston are open to students for consultation.

General Facilities.—Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted divines of New Eng-

land officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

DEGREE.—The Degree of BACHELOR OF DIVINITY is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

DIPLOMAS certifying to attainments are conferred upon those who have taken one of the Special Courses.

ROOMS, EXPENSES, ETC.—The rooms assigned to the Divinity Students, are in the West Hall, recently built, and are large, well-ventilated apartments. Each Study is provided with suitable furniture; and the bed-room adjoining each study is furnished with bedstead, mattress, bureau, etc. The only articles that the students need to provide, are stove, bedding and towels.

Tuition, room-rent, and use of furniture, free. The students have only to make provision for board, fuel, lights, and washing. The Adams Club furnishes board at a price which merely covers the actual cost.

The General Convention of Universalists aids students by a system of loans; and those in the regular course, who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

# CALENDAR.

1877.

| | | | |
|---|---|---|---|
| Sept. | 20. | Term begins, | Thursday morning. |
| Sept. | 23. | Russell Lecture, | Sunday, 4 P.M. |

*Recess from the day preceding Christmas to the day following New Year's, both inclusive.*

1878.

| | | |
|---|---|---|
| May | 22. | Commencement Parts assigned, Wednesday. |
| June | 9. | Sermon before Grad. Class Div. School, Sunday. |
| June | 11. | Prize Speaking and Reading, Tuesday, P.M. |
| June | 12. | Anniversary Divinity School, Wednesday. |
| June | 16. | Baccalaureate Sermon, Sunday. |
| June | 19. | Commencement, last Wednesday but one in June. |
| June | 20. | Examination for Admission, Thursday, 9 A.M. |

SUMMER VACATION, THIRTEEN WEEKS.

| | | |
|---|---|---|
| Sept. | 17. | Second Examination for Admission, Tuesday, 9 A.M. |
| Sept. | 17. | Examination for Admission to Div. School, Tuesday. |
| Sept. | 19. | College Year begins, Thursday morning. |
| Sept. | 22. | Russell Lecture, Sunday, 4 P.M. |

NOTE.—Trains stopping at College Hill, leave the Depot of the Lowell Railroad, in Boston, at 6.45, 10, 11.30 A.M., 12.10, 3, 5.10, 6.30, 7.30 and 10.15 P.M. Return at 6.20, 7.20, 8.12, 10.35, A.M., 1.35, 3.06, 4.20, 5.20, 6.51, 9.30, P.M. The College is four miles from Boston. Post-Office address, College Hill, Mass.

# CATALOGUS

## SENATUS ACADEMICI,

ET EORUM

QUI MUNERA ET OFFICIA GESSERUNT,

QUIQUE ALIQUO GRADU EXORNATI FUERUNT,

IN

# COLLEGIO TUFTENSI,

## MEDFORDIÆ,

IN

REPUBLICA MASSACHUSETTENSI.

BOSTONIÆ:
JOHANNE S. SPOONER, TYPOGRAPHO.
MDCCCLXVII.

# CONSPECTUS.

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# MONITUM.

Clericorum nomina Italicis literis imprimuntur.

E vita cesserunt stelligeri.

Hoc signum (†) notat eos qui pro patria bello civili militaverunt.

# SENATUS ACADEMICUS.

## PRÆSIDES.

| Accessus. | | Exitus. |
|---|---|---|
| 1853 | **HOSEA BALLOU*, 2dus, S. T. D., | 1861 |
| 1862 | *ALPHONSUS AMES MINER*, S.T.D., LL.D., | 1875 |
| 1875 | *ELMER HEWITT CAPEN.* | |

## CURATORES.

| | | |
|---|---|---|
| 1852 | *Oliverus Dean, M. D., | 1872 |
| 1852 | **Thomas Whittemore*, S. T. D., | 1861 |
| 1852 | *Sylvanus Packard, | 1866 |
| 1852 | **Otis Ainsworth Skinner*, S. T. D., | 1857 |
| 1852 | *Benjamin Mussey, | 1857 |
| 1852 | Israel Washburn, LL.D. | |
| 1852 | Calvinus Gardner, | 1856 |
| 1852 | **Thomas Jefferson Greenwood*, | 1874 |
| 1852 | *Ludovicus Crebasa Browne*, | 1856 |
| 1852 | *Eli Ballou*, S. T. D., | 1868 |
| 1852 | **Hosea Ballou*, 2dus, S. T. D., Præses, | 1861 |
| 1852 | *Timotheus Cotting, | 1872 |
| 1852 | Ricardus Frothingham, LL.D. | |
| 1852 | Phineas Taylor Barnum, | 1857 |
| 1852 | *Thomas Crane, | 1875 |
| 1852 | Carolus Rogers, | 1868 |
| 1855 | *Alphonsus Ames Miner*, S. T. D., LL.D., Præses. | |
| 1855 | *Abel Tompkins, | 1862 |
| 1856 | *Thomas Augustinus Goddard, A. M., | 1868 |
| 1856 | *Carolus Tufts, | 1876 |
| 1856 | Gardner Payne Drury, | 1858 |
| 1856 | Jacobus Otis Curtis. | |

| | | |
|---|---|---|
| 1857 | *Thomas Balduinus Thayer*, S. T. D. | |
| 1857 | *Guilielmus Henricus Ryder*, S. T. D., | 1860 |
| 1857 | Nathanael Adams | |
| 1857 | Carolus Robinson. | |
| 1859 | *Lucius Robinson Paige*, S. T. D. | |
| 1860 | Edvardus Lawrence, | 1862 |
| 1862 | Timotheus Thompson Sawyer. | |
| 1862 | *Carolus Hall Leonard*, A. M., | 1870 |
| 1868 | Newton Talbot. | |
| 1869 | *Elmer Hewitt Capen*, | 1870 |
| 1871 | Henricus Brewer Metcalf. | |
| 1871 | *Elmer Hewitt Capen*, Præses. | |
| 1872 | Normanus Carmi Munson. | |
| 1872 | Carolus Greenwood Pope, A. M. | |
| 1872 | Zebulon Ludovicus White. | |
| 1876 | Guilielmus Henricus Finney. | |
| 1876 | Carolus Scott Fobes, A. M. | |

## THESAURARII.

| | | |
|---|---|---|
| 1854 | *Benjamin Mussey, | 1856 |
| 1856 | *Thomas Augustinus Goddard, A. M., | 1868 |
| 1868 | Ricardus Frothingham, LL.D., | 1876 |
| 1876 | Guilielmus Henricus Finney. | |

## PROFESSORES.

### *Historiæ et Metaphysicorum.*

| | | |
|---|---|---|
| 1853 | **Hosea Ballou*, 2dus, S. T. D., Præses, | 1861 |

### *Mathesis et Physicorum.*

| | | |
|---|---|---|
| 1855 | Johannes Porter Marshall, A. M., | 1865 |

### *Linguæ et Literarum Latinarum.*

| | | |
|---|---|---|
| 1855 | Guilielmus Paley Drew, A. M., | 1857 |
| 1857 | *Alpheus Augustus Keen, A. M., | 1864 |
| 1864 | Hemanus Allen Dearborn, A. M. | |

*Linguæ et Literarum Græcarum.*

1855 Guilielmus Paley Drew, A. M., . . . 1857
1857 *Alpheus Augustus Keen, A. M., . . . 1860
1860 Hieronymus Schneider, PH.D.

*Rhetoricæ et Logicæ et Literarum Anglicarum.*

1855 Benjamin Franklin Tweed, A. M., . . 1864
1864 *Guilielmus Rollin Shipman*, A. M.

*Philosophiæ Moralis et Œconomiæ Politicæ.*

1862 *Alphonsus Ames Miner*, S. T. D., LL.D., Præses, 1875
1875 *Elmer Hewitt Capen*, Præses.

*Chemiæ et Mineralogiæ et Geologiæ.*

1865 Johannes Porter Marshall, A. M.

*Mathesis.*

1865 Benjamin Graves Brown, A. M.

*Linguarum Recentiorum.*

1870 Carolus Ernestus Fay, A. M.

*Oratoriæ.*

1866 Moses True Brown, A. M.

*Artis Machinalis.*

1869 Carolus Durlin Bray, A. M.

*Theologiæ Christianæ.*

1869 *Thomas Jefferson Sawyer*, S. T. D.

*Artis Homileticæ et Theologiæ Pastoralis.*

1869 *Carolus Hall Leonard*, A. M.

*Psychologiæ et Theologiæ Naturalis.*

1872 *Guilielmus Georgius Tousey*, A. M.

*Physicorum et Astronomiæ.*

1874 Amos Emerson Dolbear, A. M.

## PRÆCEPTORES.

1856 Hieronymus Schneider, PH.D., *Lingg. Recent.*, 1870
1868 Benjamin Franklin Kinsman, A. M., *Math.*, . 1870

| | | |
|---|---|---|
| 1868 | Thomas Willis Pratt, *Artis Mach.*, | 1869 |
| 1869 | Stephanus Brigham Ball, *Mus. Voc.*, | 1870 |
| 1870 | Johannes Woodbury Adams, *Mus. Voc.*, | 1875 |
| 1874 | Stephanus Minot Pitman, A. M. B., *Chem.*, | 1877 |
| 1875 | Henricus Wheeler, *Mus. Voc.* | |
| 1876 | *Georgius Thomas Knight*, A. M., *Rhet. et Hist. Eccles.* | |

## PRÆLECTORES.

| | | |
|---|---|---|
| 1866 | Ricardus Frothingham, LL.D., *Hist.*, | 1872 |
| 1870 | *Albertus Sanctus Johannes Chambré*, A.M., *Hist. Eccles.* | |
| 1870 | *Edvinus Cortland Bolles*, PH.D., *de Scientia et Religione Christiana.* | |

## TUTORES.

| | | |
|---|---|---|
| 1861 | Benjamin Graves Brown, A. M., *Math. Prof.*, | 1865 |
| 1865 | Benjamin Franklin Kinsman, A. M., *Math. Præc.*, | 1868 |
| 1868 | Carolus Ernestus Fay, A.M., *Lingg. Recent. Prof.*, | 1869 |
| 1869 | Thomas Henricus Armstrong, A. M., | 1872 |
| 1872 | *Silas Wright Sutton*, A. B., | 1874 |
| 1874 | Stephanus Minot Pitman, A. M. B., *Chem. Præc.*, | 1877 |

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| 1857 | Alpheus Augustus Keen, | 1864 |
| 1864 | *Guilielmus Rollin Shipman.* | |

# ALUMNI.

## *1857.*

HemanusAllenDearborn,Mr., Ling. et Litt. Lat. Prof.
Guilielmus Newhall Eayrs.
†*Harveius Hersey*, Mr.

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**Thomas HarrisAngel.**1858
†Benjamin Allen Hathaway, Mr.
†*DavidComstockMoore,M.D. Dart. 1860. *1876
Augustus Edvinus Scott, Mr.
†Hermon JosephusSmith,M.D. Dart. 1866.
†*Josephus Crocker Snow*,Mr.
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†*Henricus Bowers Walton. *1864
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## *1859.*

†*Smith Goss Bailey. *1863
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†Henricus Bacon Brown, Mr.
†Seldenus Connor, Reip. Main. Gub., LL.D. 1876.
†Winsor Brown French, Mr.
†*Guilielmus Erastus Gibbs.*
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†Obed Chester Turner, Mr., M. D. Georgiopol. 1864.
*Andreas Jackson Weaver.*
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## *1860.*

*ElmerHewett Capen*,Curator, Præses.
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*Guilielmus Adams Johnson, Mr. *1864
†*Oliverus Hawkes Lowell. *1863
*Elam Porter. *1867
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†Georgius Curtis Waldo, Mr.

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## *1863.*

†Horatius Bisbee.
Jacobus Bartlett Brewster, M.D. Coll. Med. Valetudin. Bellev. 1866, A. O M. Vindob. 1868.
Albertus Crane, LL.B. Columb. 1866.
Carolus Herbertus Ellis, Mr.
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*Johannes Jay Lewis*, Mr.
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Lucianus Bisbee Thompson, Mr., LL.B. Harv. 1867.

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*Johannes Henricus Claflin. *1869
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Horatius Edvardus Morse.

## *1865.*

†Jacob Murray Baker, LL.B. Harv. 1867.
Erastus Crosby.
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## *1866.*

Stephanus Moulton Babcock, in Univ. Cornell. Chem. Præc.
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*Guilielmus Penn White, Mr., M.D. Coll. Med. Valetudin. Bellev. 1869. *1870

### Philosophiæ Baccalaureus.

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## 1867.

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Gaius Leonardus Halsey.
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## 1868.

Jacobus Emery.
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Johannes Wesley Freese, Mr.
†Rolandus Hammond, Mr., M.D. Harv. 1872.
*Jacob Nelson Norton, Mr.
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## 1869.

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Addison Connor, Mr.
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Arthurus Elmer Denison.
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Henricus Smith Noble, M.D. Coll. Med. et Chir. Nov. Ebor. 1871.
*Guilielmus Henricus Ryder.*
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†*Guilielmus Georgius Tousey*, Mr., Psychol. et Theol. Nat. Prof.

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Taber Ashton.
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## 1870.

*Johannes Colman Adams.*
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Carolus Morrison Jordan.
Carolus Orlandus Murray.
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Barnabas Ballou Platner.
Frankus Arthurus Spooner.
Ernestus Kendall Weaver.
Hamilton Lee Whithed.
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## SACRÆ THEOLOGIÆ BACCALAUREI.

### *1871.*

*Guilielmus Willis Hayward.*
*Guilielmus Henricus Ryder*, A.B. 1869.
*Guilielmus Georgius Tousey*, A.B. 1869.

### *1872.*

*Johannes Colman Adams*, A.B. 1870.
**Edvardus Augustus Drew*, A.B. 1867.

### *1873.*

*Guilielmus Hooper Dearborn.*
*Howard Alcott Hanaford.*
*Josephus Kimball Mason.*
*Royal Tyler Sawyer.*
Johannes Elvinus Spencer.
*Josephus Hatton Weeks*, A.B. 1871.

### *1875.*

*Randall Hosea Aldrich.*
*Samuel Green Davis.*
*Henricus Wells Hand.*
*Georgius Milford Harmon*, A.B. 1867.
*Thomas Weston Illman*, A.B. Phil. 1870.
*Georgius Thompson Knight*, A.B. 1872.
*Ellery Elmer Peck.*
*Elmer Fredericus Pember.*
*Byron Gustavus Russell.*
*Silas Wright Sutton*, A.B. 1872.
*Elbertus Watson Whitney*, A.B. 1873.

### *1876.*

*Guilielmus Curtis Stiles.*

### *1877.*

*Georgius M. Dallas Barnes*, A.B. Asbur. 1874.
*Fredericus Adelbertus Bisbee.*
*Carolus Henricus Eaton*, A.B. 1874.
*Gualterus Scott Vail.*
*Harrison Spofford Whitman*, A.B. Bowd. 1869.
*Warren Samuel Woodbridge*, A.B. 1874.

# HONORARII.

### *1858.*

**Thomas Whittemore*, Curator, S.T.D. *1861.

### *1859.*

*Guilielmus Riley French*, Mr.

### *1860.*

*Johannes Chapman Porter, Centr. Neo. Ebor. 1854, in Coll. Centr. Neo. Ebor. Math. Prof., Mr. *1863

### *1861.*

*Johannes Stetson Barry*, Mr.

*Ebenezer Fisher*, Mr., S. T. D. Lomb. 1862, in Univ. St. Laurent. Theol. et Eth. Prof.

*Alphonsus Ames Miner*, Mr., Curator, S.T.D. Harv. 1863, Præses, LL.D. 1875.

*Lucius Robinson Paige*, Mr. Harv. 1850, Curator, S.T.D., S.H.S.

### *1863.*

**Sylvanus Cobb*, S.T.D. *1866

*Massena Goodrich*, Mr.

**Dolphus Skinner*, S.T.D. *1869

### *1864.*

**Day Kellogg Lee*, Mr. *1869

**Jacobus Wellington Putnam*, Mr. *1864

*Jacobus Partelow Weston*, Bowd. 1840, et Mr. Bowd., S.T.D., Univ. Lomb. Præses.

### *1865.*

Benjamin Graves Brown, Harv. 1858, Mr., Math. Prof.

*Thomas Balduinus Thayer*, Curator, Mr. Harv. 1860, S.T.D.

### *1866.*

*Thomas Augustinus Goddard, Curator, Mr. *1868

### *1867.*

*Elbridge Gerry Brooks*, S.T.D.

Moses True Brown, Mr., Orat. Prof.

*Asa Saxe*, Mr., S.T.D. Univ. St. Laurent. 1870.

*Timotheus Gerrish Senter, Mr. *1872

*Benjamin Whittemore*, S.T.D.

### *1868.*

*Orren Perkins*, Mr.

### *1869.*

*Richmond Fiske*, S.T.D., Univ. St. Laurent. Præses.

*Carolus Hall Leonard*, Curator, Mr., Art. Homilet. et Theol. Past. Prof.

### *1872.*

Ricardus Frothingham, Curator, Mr. Harv. 1858, S.H.S., LL.D.

Israel Washburn, Curator, in Congr. Rerumpub. Fœd. Repr., Reip. Main. Gub., LL.D.

### *1874.*

*Absalom Graves Gaines*, S.T.D., Univ. St. Laurent. Præses.

*Stephanus Southwick Hebbard*, Mr.

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- Scott
  - 1858 Augustus-Edvinus
  - 1874 Ernestus-Linden
- Senter
  - 1874 Jacobus-Fernald
  - 1867 Timotheus-Gerrish h
- Sheafe
  - 1871 Josephus-Pease
- Shoemaker
  - 1866 Jacobus-Madison
- Simpson
  - 1875 Albertus-Adriance
- Sisson
  - 1868 Wellington
- Skinner
  - 1863 Dolphus h
- Smith
  - 1858 Hermon-Josephus
- Snow
  - 1858 Josephus-Crocker
- Southard
  - 1870 Carolus-Barstow
  - 1869 Guilielmus-Freeman
- Spalding
  - 1858 Edvardus-Everett
- Spaulding
  - 1867 Guilielmus-Waldemar
- Spencer
  - 1873 Johannes-Elvinus t
- Spooner
  - 1877 Frankus-Arthurus
- Sprague
  - 1876 Carolus-Albertus
- Start
  - 1862 Guilielmus-Augustus
- Stetson
  - 1873 Albertus
- Stiles
  - 1876 Guilielmus-Curtis t
- Sumner
  - 1867 Carolus-Warren
- Sutton
  - 1875 Silas-Wright t
- Sweetser
  - 1866 Edvinus-Chapin
- Teele
  - 1870 Jonathan-Merle
- Thayer
  - 1865 Thomas-Balduinus h
- Thombs
  - 1875 Arthurus-Parker
- Thompson
  - 1863 Lucianus-Bisbee
  - 1870 Warren
- Thorne
  - 1862 Albion
- Tousey
  - 1871 Guilielmus-Georgius t

True
1872 Edvardus-Blanchard

Tucker
1868 Samuel

Tufts
1874 Georgius-Julianus

Turner
1859 Obed-Chester

Vail
1877 Gualterus-Scott t

Waldo
1860 Georgius-Curtis

Walton
1858 Henricus-Bowers

Warren
1868 Wilmot-Lillius
1870 Minton

Washburn
1872 Israel h

Weaver
1859 Andreas-Jackson
1877 Ernestus-Kendall

Weeks
1873 Josephus-Hatton t

Weston
1864 Jacobus-Partelow h

White
1873 Lloyd-Everett
1869 Fredericus-Howard
1858 Carolus-J
1866 Zebulon-Ludovicus
1873 Everett-Park
1866 Guilielmus-Penn

Whithed
1877 Hamilton-Lee

Whitman
1877 Harrison-Spofford t

Whitney
1875 Elbertus-Watson t

Whittemore
1867 Benjamin h
1862 Nathanael-Hosea
1858 Thomas h
1868 Thomas

Wight
1859 Jarvis-Sherman

Winslow
1867 Andreas-Robinson

Wood
1874 Normanus-Perkins

Woodbridge
1877 Warren Samuel t

Woodbury
1876 David-Morse

Wooffindale
1877 Carolus-Shiffler

## SUMMARIUM.

| | | Mortui. | Superstites. |
|---|---|---|---|
| Ad aliquem gradum admissi, | 287 | 28 | 259 |
| Alumni, . . . . . | 241 | 20 | 221 |
| Graduati in Artibus, . . | 214 | 19 | 195 |
| Philosophiæ Baccalaurei, . | 14 | | 14 |
| Graduati in Arte Machinali, | 15 | 1 | 14 |
| Sacræ Theologiæ Baccalaurei, | 29 | 1 | 28 |
| Meriti stipendia in bello civili, | 34 | 7 | 27 |
| Honorarii, . . . . . | 28 | 8 | 20 |

# A
# CATALOGUE
# OF THE
# OFFICERS AND STUDENTS
# OF
# TUFTS COLLEGE.

1878-9.

BOSTON:
PRINTED BY JOHN S. SPOONER,
PROVINCE STREET.

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S. MINOT PITMAN, A.M.B.
GEORGE L. PERRY, C.E.

# STUDENTS.

## SENIOR CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bjorklund, Alfred Gabriel, | *Somerville,* | East Hall, 18. |
| Buzzell, Leonard Owen, | *Dayton, Me.,* | East Hall, 30. |
| Fales, Willard Henry, | *Boston,* | West Hall, 9. |
| Fuller, William, | *Fort Plain, N.Y.,* | Mid. Hall, 9. |
| Greene, Joseph Morse, | *Somerville,* | Mid. Hall, 12. |
| Hutchins, William Appleton, | *Somerville,* | East Hall, 18. |
| Klinghammer, Jerome William, | *College Hill,* | Prof. Schneider's. |
| Lane, Robert Ellery, | *Norton,* | East Hall, 30. |
| Monroe, Frank Pliny, | *Watertown, N.Y.,* | Mid. Hall, 8. |
| Penniman, George Wallace, | *Stoughton,* | East Hall, 23. |
| Perry, Wallace Matteson, | *Berlin, Wis.,* | West Hall, 8. |
| Ralph, Clarence Stillman, | *West Windsor, Vt.,* | East Hall, 26. |
| Richardson, Anson Montford, | *West Gloucester,* | Mid. Hall, 11. |
| Tibbets, Frederick Washington, | *Gloucester,* | West Hall, 12. |
| Virgin, Harry Rust, | *Portland Me.,* | West Hall, 8. |
| Wells, Abelard Eulah, | *West Dedham,* | West Hall, 13. |
| Wells, Fred Enos, | *Lynn,* | West Hall, 9. |

## JUNIOR CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bryant, Seth Cline, | *Stoneham,* | Mid. Hall, 18. |
| Burns, Hiram Hutchins, | *Kingston,* | Mid. Hall, 18. |
| Busfield, Theodore Elmer, | *Hudson,* | Mid. Hall, 19. |
| Davis, Edwin Elwell, | *Canton,* | West Hall, 11. |
| Donovan, Lawrence John, | *Rockland,* | East Hall, 10. |
| Eaton, Walter Reynolds, | *Stoneham,* | Mid. Hall, 20. |
| Eddy, Richard Henry, | *College Hill,* | Rev. Mr. Eddy's. |
| Foster, John Gilman, | *Derby Line, Vt.,* | West Hall, 4. |
| Friend, Walter Morrison, | *College Hill,* | Mrs. Friend's. |
| Gardner, George Arthur, | *West Acton,* | East Hall, 25. |
| Gilcreast, Walter Lee Smith, | *Methuen,* | East Hall, 31. |
| Hamilton, Frederic William, | *Portland, Me.,* | West Hall, 10. |
| Meloon, Joseph Loring, | *Nashua, N.H.,* | East Hall, 13. |
| Messer, Sylvester Bowman, | *Springfield, N. H.,* | East Hall, 23. |
| Pearce, Harley Nelson, | *East Calais, Vt.,* | West Hall, 2. |
| Van Campen, Hiram, Jr., | *New Bedford,* | West Hall, 4. |
| Wilder, Frank Wellington, | *Sterling,* | West Hall, 10. |
| Williams, Henry Hermon, | *Franklin,* | |
| Darling, Jewett, | *Charlton,* | Mid. Hall, 7. |
| Leach, William Wilson, | *Monson,* | East Hall, 25. |
| Sheldon, George Spence, | *Sheldonville,* | West Hall, 3. |
| Sherman, Robinson Morton, | *Williamsville, Vt.,* | West Hall, 2. |

# SOPHOMORE CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bartholomew, John May, | *Franklin,* | West Hall, 16. |
| Cate, George Wilbur, | *Calais, Vt.,* | East Hall, 10. |
| Cook, Irving Sherburne, | *Woonsocket, R. I.,* | East Hall, 19. |
| Cummings, Joseph, Jr., | *Taunton,* | Mid. Hall, 14. |
| Friend, Arthur Procter, | *College Hill,* | Mrs. Friend's. |
| Gowing, Fred, | *Medford,* | Mid. Hall, 17. |
| Leonard, Charles Gale, | *College Hill,* | Prof. Leonard's. |
| Mack, William Elwin, | *Woodstock, Vt.,* | East Hall, 26. |
| Meserve, Henry Clifford, | *North Jay, Me.,* | East Hall, 13. |
| Powers, Edmund Wilson, | *Sterling,* | West Hall, 14. |
| Presho, Edward Webb, | *Charlestown,* | Mid. Hall, 17. |
| Burt, Frank Leslie, | *Adams,* | East Hall, 27. |
| Hall, Mandeville, | *Dixfield, Me.,* | Mid. Hall, 14. |

## FRESHMAN CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Farrell, William, | *Stoughton,* | East Hall, 15. |
| Howe, Frank Herbert, | *Norway, Me.,* | West Hall, 1. |
| Howe, George Robley, | *Norway, Me.,* | West Hall, 1. |
| Lothrop, Thomas Whittier, | *Belfast, Me.,* | East Hall, 14. |
| Lovejoy, George Montgomery, | *Calais, Me.,* | East Hall, 14. |
| Peirce, Arthur Winslow, | *Arlington,* | East Hall, 8. |
| Rand, Frank Prescott, | *Hartland, Me.,* | East Hall, 2. |
| Riley, Herbert Smith, | *Woburn,* | East Hall, 2. |
| Wood, Henry, | *North Easton,* | East Hall, 15. |
| Goodell, Charles Fremont, | *No. Brookfield,* | East Hall, 8. |

# ENGINEERING COURSE.

## THIRD CLASS.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Dickinson, Aaron Crosby, | *Williamsville, Vt.,* | West Hall, 7. |
| Farnham, Levi Elmer, | *Lowell,* | East Hall, 30. |
| Little, Matthias, | *Portland, Me.,* | East Hall, 31. |
| Merritt, Frank, | *Scituate,* | East Hall, 22. |
| Petrie, William, | *Watertown, N. Y.,* | East Hall, 22. |

## SECOND CLASS.

| | | |
|---|---|---|
| Carpenter, Frederick Albert, | *Franklin,* | West Hall, 16. |
| Chandler, George Washington, | *Tewksbury,* | East Hall, 27. |
| Putnam, James Herbert, | *Danvers,* | East Hall, 19. |
| Silva, Octavio Pacheco, | *Campinas, S. P., Brazil,* | West Hall, 7. |

## FIRST CLASS.

| | | |
|---|---|---|
| Milliken, George King, | *Alstead, N. H.,* | Mid. Hall, 10. |
| Norton, Henry Addison, | *Hightstown, N. J.,* | Prof. Fay's. |
| Rice, Frederick Avery, | *Watertown, N. Y.,* | Mid. Hall, 10. |

## ADMISSION

### TO THE

# REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other Colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.*—Ovid's Metamorphoses, twelve selections of Allen and Greenough's edition, or four books of Andrews'; six books of Virgil's Æneid; four books of Cæsar's Commentaries; seven Orations of Cicero, including the Manilian Law; Allen and Greenough's, or Harkness' Grammar, including Prosody; Harkness' Introduction to Latin Composition, to Part III; Smith's Roman History.

*Greek.*—Three books of Homer's Iliad; four books of Xenophon's Anabasis; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents; outlines of the Geography and History of Ancient Greece.

*Mathematics.* — Eaton's or Thomson's New Practical Arithmetic, with the Metric System; Olney's Introduction to Algebra; all of Pierce's Geometry.

*Geography and History.*—Modern Geography; History of the United States.

*English Grammar and Composition.*—Spelling; Punctuation; Structure of Sentences; Correct Use of Words; Clearness of Expression. The examination will consist in writing a composition of one or two pages on a subject selected from standard works in English Literature. Such works will be announced in each annual catalogue, and for 1879 are as follows: Shakespeare's Tempest; Johnson's Rasselas; Goldsmith's Traveller.

For the Text Books here mentioned, such other Text Books as are equivalents, will be accepted.

The regular examination for admission will be held, beginning on the day after Commencement, and continuing through that and the following days, until it is completed. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the College Year. The examination will begin at 9 o'clock, A.M., on each of these days.

For admission to an advanced Class, an examination must be well sustained, both in the preparatory studies, and in the studies through which such class has passed, but no person will be admitted after the beginning of the Senior Year.

To be admitted to advanced standing, one must also pay half the tuition of the previous portion of the Course, unless he comes from another College; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June those who will be candidates for admission to the Freshman Class one year later, may present themselves for a preliminary examination, if prepared on not less than ten of the eighteen subjects enumerated on the preceding page, and may receive certificates if they pass on not less than seven. In making up the eighteen, Latin includes seven subjects, Greek five, Mathematics three, and Geography, History, and English represent one each.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Xenophon; Herodotus; Thucydides; Homer's Odyssey; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Wells's or Olney's Algebra; Olney's Trigonometry.

*Rhetoric.*—Declamations.

*Roman History.*—Rawlinson's Manual.

*Lectures on the Geography and Topography of Ancient Greece.*

## SOPHOMORE CLASS.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Greek Orators; Greek Dramatists; Greek Metres; Greek Prose Composition.

*Mathematics.*—Howison's Analytic Geometry; Applications of Trigonometry; Olney's Geometry, Part III.

*Surveying.*—Field Practice.

*Rhetoric.*—A. S. Hill's; English Literature; Themes; Declamations.

*French.*—Languellier and Monsanto's Grammar; Lacombe, Histoire du Peuple Français.

*Physics.*—Goodeve's Mechanics.

## JUNIOR CLASS.

### REQUIRED STUDIES.

*German.*—Whitney's Grammar and Reader; Eysenbach's Grammar.

*Physics.*—Goodeve's Mechanics; Tyndall's Lecture Notes on Light and Electricity; Stewart's Physics; Lectures.

*Rhetoric.*—Themes; Original Declamations.

*Logic.*—Jevons'.

*Botany.*—Gray's Manual.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Loomis's Differential and Integral Calculus; Drafting.

*Greek.*—Plato.

*Latin.*—Juvenal; Cicero.

*German.*—Goethe, Hermann und Dorothea; Schiller, Maria Stuart.

*French.*—Racine; Corneille; Molière; Brachet, Grammaire Historique; Plœtz, Grammaire Française, (basée sur le latin); Chardenal's Advanced Exercises.

*Rhetoric.* — Oratory; Analysis of Speeches; English Literature.

*Chemistry.*—Theoretical and Descriptive; Laboratory Work; Qualitative Analysis.

*Physics.*—Laboratory Practice.

*Metallurgy.*—Iron and Steel.

## SENIOR CLASS.

### REQUIRED STUDIES.

*Political Economy.*—Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual, with Lectures on Christian Evidences.

*Psychology.*—Porter's Human Intellect.

*Rhetoric.*—Forensics; Themes; Reading.

*Astronomy.*—Lockyer's, with Lectures.

*Zoology.*—Nicholson's, with Lectures.

*Geology.*—Dana's, with Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

### ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*Jurisprudence.*—Mackenzie's Roman Law; Maine's Ancient Law; the XLIVth Chapter of Gibbon.

*English Literature; Logic; Metaphysics; Oratory.*

*Greek, Latin, French, German, or Italian Language.*

*Chemistry.*—Theoretical and Descriptive; Qualitative Analysis.

*Physics.*—Physical Manipulation in Laboratory.

*Biology.*—Huxley and Martin's; Laboratory Work.

*Mineralogy.*—Blow-pipe Analysis, Qualitative and Quantitative.

*Physiology.*—Lectures.

# PHILOSOPHICAL COURSE.

This Course of Instruction, prepared for those who enter for the Degree of Bachelor of Philosophy, occupies four years. It includes all the studies of the Regular Course, except Greek, requires additional French and German, and offers an opportunity of pursuing certain elective studies to a greater extent.

The requisitions for admission are the same as for the Regular Course, with the omission of Greek, and the addition of French, as follows: all of Otto's or Languellier and Monsanto's Grammar; six books of Télémaque.

# COURSE OF STUDY.

## FRESHMAN CLASS.

### REQUIRED STUDIES.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Mathematics.*—Wells's or Olney's Algebra; Olney's Trigonometry.

*Rhetoric.*—Declamations.

*Roman History.*—Rawlinson's Manual.

*French.*—Racine; Corneille; Molière; Brachet, Grammaire Historique; Plœtz, Grammaire Française, (basée sur le latin); Chardenal's Advanced Exercises.

*French History.*

### ELECTIVE STUDIES.

*Physics.*—Elementary, with work in the Physical Laboratory.

*Drawing; English Language and Literature.*

## SOPHOMORE CLASS.

### REQUIRED STUDIES.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Mathematics.*—Howison's Analytic Geometry; Applications of Trigonometry; Olney's Geometry, Part III.

*Surveying.*—Field Practice.

*Rhetoric.*—A. S. Hill's; English Literature; Themes; Declamations.

*German.*—Whitney's Grammar and Reader; Eysenbach's Grammar; Goethe, Hermann und Dorothea; Schiller, Maria Stuart.

*Physics.*—Goodeve's Mechanics.

### ELECTIVE STUDIES.

*Chemistry*—with Lectures and Laboratory Practice.

*Physics.*—Laboratory Practice.

*Drawing ; English Language and Literature.*

## JUNIOR CLASS.

### REQUIRED STUDIES.

*German.*—Vilmar, Geschichte der deutschen Literatur; Schiller, Wallenstein.

*Physics.*—Goodeve's Mechanics; Tyndall's Lecture Notes on Light and Electricity; Stewart's Physics ; Lectures.

*Rhetoric.*—Themes; Original Declamations.

*Logic.*—Jevons'.

*Botany.*—Gray's Manual.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Olney's Differential and Integral Calculus; Drafting.

*Latin.*—Juvenal; Cicero.

*Rhetoric.*—Oratory; Analysis of Speeches; English Literature.

*Chemistry.*—Theoretical and Descriptive; Laboratory Work; Qualitative Analysis.

*Physics.*—Laboratory Practice.

*Metallurgy.*—Iron and Steel.

## SENIOR CLASS.

### REQUIRED STUDIES.

*Political Economy.*—Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual, with Lectures on Christian Evidences.

*Psychology.*—Porter's Human Intellect.

*Zoology.*—Nicholson's, with Lectures.

*Geology.*—Dana's, with Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

*Rhetoric.*—Forensics; Themes; Reading.

*Astronomy.*—Lockyer's, with Lectures.

### ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*Jurisprudence.*—Mackenzie's Roman Law; Maine's Ancient Law; the XLIVth Chapter of Gibbon.

*English Literature; Logic; Metaphysics; Oratory.*

*Latin, French, German, or Italian Language.*

*Chemistry.*—Theoretical and Descriptive; Qualitative Analysis.

*Physics.* — Physical Manipulation in the Laboratory.

*Biology.*—Huxley and Martin's; Laboratory work.

*Mineralogy.* — Blow-pipe Analysis, Qualitative and Quantitative.

*Physiology.*—Lectures.

## ENGINEERING COURSE.

This course, extending through three years, is established for those who enter for the Degree of Civil Engineer.

The requisitions for admission are as follows : Arithmetic, with the Metric System ; Algebra, including the Theory of Equations ; Plane, Solid, and Spherical Geometry ; Modern Geography ; History of the United States ; English Grammar and Composition, the same as for the Regular Course.

A Fourth Year of study is provided for those graduate Engineers who wish to take up work in some branch of Engineering and in other departments of the College.

## COURSE OF STUDY.

### FIRST YEAR.

*Mathematics.*—Algebra finished ; Plane and Spherical Trigonometry.

*Descriptive Geometry.*—Theory and Plates.

*Shades, Shadows, and Perspective.*

*Drawing.*—Elementary ; Orthographic Projection.

*Surveying.*—Theory, with Elementary Practice; Compass Surveys.

*Chemistry.*—Theoretical and Descriptive, with Lectures.

*Metallurgy.*—Iron and Steel.

*French.*—Languellier and Monsanto's Grammar ; Lacombe, Histoire du Peuple Français.

## SECOND YEAR.

*Mathematics.*—Analytical Geometry ; Calculus.

*Mechanics.*—General and Applied, with Lectures on Construction.

*Physics.*—Goodeve's Mechanics ; Tyndall's Lecture Notes on Light and Electricity ; Stewart's Physics ; Lectures.

*Steam Engine.*—Theory and Construction.

*Topography.*—Field-work and Drawing.

*French.*—Translation from Standard Technical Works.

### ELECTIVE STUDIES.

*Chemistry.*—Laboratory Practice; Photography.

*Mineralogy.*—Blow-pipe Analysis.

*Physics.*—Laboratory Practice.

## THIRD YEAR.

*Mathematics.*—Calculus.

*Mechanics.* — Applied Mechanics, with Lectures on Bridges and Roofs.

*Civil Engineering.*—Strength of Materials ; Stability of Structures of Stone, Wood, and Iron ; Drainage and Sewerage ; Hydraulics.

*Road Engineering.*—Surveys and Estimates.

*Drawing.*—Structures and Machines.

*Astronomy.*—Lockyer's, with Lectures.

### ELECTIVE STUDIES.

*German.*—Whitney's Grammar and Reader ; Eysenbach's Grammar.

*Engineering.*—Special Work.

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ELECTIVE STUDIES.—The programme requires sixteen recitations a week or their equivalent, except in the second half of Senior year when fourteen are required. In making up this programme three hours are assigned to Electives in the first half of Junior year, and five in the second half; seven hours in the first half of Senior year and five in the second half. These hours, except in the first half of Junior year, are to be divided between two studies. Extra electives may be taken, if, in the judgment of the Faculty, they can be profitably pursued. Choice of electives must be indicated in writing not later than the first Saturday of the College year, and a new election may be made at such times as are prescribed in the several departments.

EXAMINATIONS.—Written examinations of all the classes are held at stated intervals, or on completion of studies. There is also a public examination in writing, of all the classes, during not less than four days, at the close of each year.

RELIGIOUS OBSERVANCES.—All resident Students are required to attend Morning Prayers, and the Reading of the Scriptures in the Chapel.

All resident Students are required to attend Public Worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted for reasons of conscience to attend regularly at a church of their own denomination.

RUSSELL LECTURE.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a Clergyman or a Layman, on a subject prescribed by the testator.

LIBRARY.—The Library contains upwards of 18,000 volumes, including those of the Historical Society, and more than 5,000 pamphlets.

JOY LIBRARY FUND.—The income of a fund of twelve hundred dollars, the donation of John D. W. Joy, Esq., of Boston, is devoted to the purchase of books for the Library, preference being given to the department of Philology.

## EXPENSES.

| | | |
|---|---|---|
| College Charges, (Tuition, Care of Rooms. Incidentals,) per year, . . | $100.00 | $100.00 |
| Half Room-rent, from $15 to $37.50, " . . | 15.00 | 37.50 |
| Board, about $3.50 per week, " . . | 136.50 | 136.50 |
| Total, | $251.50 | $274.00 |

Students board in commons at $3.50 per week; in private families at $3.50 to $4.00. Other expenses vary with the economy of each student. Students furnish their own rooms. College Charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March; the second is made immediately after Commencement, and is payable on the first day of the following College year. The second bill of the Senior year must be paid at least one day before Commencement.

## SCHOLARSHIPS.

There are *twenty-eight Scholarships* in the gift of the College, twenty-five of *one hundred dollars* and three of *sixty dollars* each, as follows:

Three State Scholarships, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

Four Howland Scholarships, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

Five Walker Mathematical Scholarships, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The Perkins Scholarship, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

One other, of *sixty dollars*, established by the conversion of the Loan Fund, of a thousand dollars, to that purpose.

The GREENWOOD PRIZE SCHOLARSHIP, established from the bequest of one thousand dollars by the late Mrs. Eliza M. Greenwood, of Malden, given to such student as shall have made the best attainments in Oratory.

THREE PRIZE SCHOLARSHIPS OF NATURAL HISTORY, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

PACKARD FREE SCHOLARSHIPS.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, does not constitute any title to a second nomination.

APPOINTMENTS.— The pay of a Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Additional assistance, in the shape of GRATUITIES, is rendered as circumstances from time to time require.

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave College censure in the course of the year.

## PRIZES.

GODDARD PRIZES.—In the second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A Prize for the best Dissertation, by a member of the Senior Class, on the following subject: "The Free Cities of the Middle Ages."

A Prize for the best Examination in Plato's Symposium, or the Clouds of Aristophanes, including an account of the author and his works.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of six Sections of Chapter LX in Liddell's History of Rome, beginning with the seventh.

A Prize for the best Examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

No Dissertation to exceed in length the amount of fifteen pages of the North American Review.

Six other prizes from the same fund are assigned as follows:—

Two Prizes of *twenty* and *ten dollars*, respectively, to the best Readers of the Senior Class.

Two Prizes of *twenty* and *ten dollars*, respectively, to members of the Junior Class for the best exhibition of improvement and skill in Elocution.

Two Prizes of *twenty* and *ten dollars*, respectively, on the same conditions, to members of the Sophomore Class.

The selections for reading and declamation must be approved by the Professor of Oratory. The names of competitors for the prize in Reading and Elocution must be handed to the President, at least two weeks before the day of trial.

PACKARD PRIZES.—In accordance with a provision of the Will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many Students who rank highest in scholarship and good behavior.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

## SPECIAL HONORS.

Special honors will be conferred at Commencement upon any Senior of the Regular Course, or of the Philosophical Course, who shall have complied with the following conditions: (1) He must have excelled in the required work of the study in which he desires honors, and also in the required work of two cognate studies. (2) In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction. (3) He must pass an examination before a committee of the Faculty, on as much extra work in the study in which he desires honors, as would be equal to two hours a week for a year. This examination may be either oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

The following Departments are open for Honors: I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. English Literature, VI. Philosophy, VII. Modern Languages, VIII. Classics.

A student must apply for honors not later than the beginning of his Senior year, and may make up his standing in any Study in which he is deficient. The grade of honors, as well as the Department, will be mentioned in the diploma and printed in the Catalogue. Special requisitions may be made in any Department.

## MASTER'S DEGREE.

The degree of Master of Arts will be conferred upon such graduates of the Regular Course, and of the Philosophical Course, as shall pursue during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by examination.

The degree will be conferred, under the same conditions, on graduates of other colleges, whose courses of study have been equivalent to the courses for which the degrees of A.B. and B.Ph. are given by Tufts College.

# AWARDS FOR 1878.

The Prizes and Prize-Scholarships for the last year were awarded as follows:

*For Examination in Mathematics.*

To JAMES HERBERT PUTNAM, of the First Engineering Class.

*For Latin Prose.*

To WALTER LEE SMITH GILCREAST and HIRAM VAN CAMPEN, JR., of the Sophomore Class.

*For Greek Prose.*

To JEROME WILLIAM KLINGHAMMER, of the Junior Class.

*For Declamation.*

To LAWRENCE JOHN DONOVAN and EDWIN ELWELL DAVIS, of the Sophomore Class; and FREDERICK WASHINGTON TIBBETS and WALLACE MATTESON PERRY, of the Junior Class.

*For Reading.*

To URIEL HUMPHREY SQUIRES and WILLIAM DAVIS THAYER TREFRY, of the Senior Class.

*Natural History Prize-Scholarships.*

To WILLIAM WOOLDREDGE DODGE (Mineralogy), WILLIAM DAVIS THAYER TREFRY (Botany), and FRANK WARREN WHIPPEN (Zoology), of the Senior Class.

### *Packard Prizes.*

To FRANK WARREN WHIPPEN, of the Senior Class; ALFRED GABRIEL BJORKLUND, GEORGE WALLACE PENNIMAN, WALLACE MATTESON PERRY, and FRED ENOS WELLS, of the Junior Class; EDWIN ELWELL DAVIS and WALTER REYNOLDS EATON, of the Sophomore Class; John MAY BARTHOLOMEW, of the Freshman Class; JEWETT DARLING, of the Third Engineering Class; and JAMES HERBERT PUTNAM, of the First Engineering Class.

Special Honors were conferred upon FRANK WARREN WHIPPEN, in the department of Mathematics.

The Degree of Master of Arts was conferred upon WILLIAM LESLIE HOOPER, A.B. '77, and CHARLES SHIFFLER WOOFFINDALE, A.B. '77, for post-graduate studies at the College, in the departments of Physics and Chemistry.

# DIVINITY SCHOOL.

## FACULTY.

Rev. ELMER H. CAPEN, President.

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

Rev. GEORGE T. KNIGHT, A.M., B.D.,
*Instructor in Rhetoric and Church History.*

MOSES T. BROWN, A.M.,
*Professor of Oratory.*

Rev. A. ST. JOHN CHAMBRÉ, D.D.,
*Lecturer on Ecclesiastical History.*

# STUDENTS.

## FIRST YEAR.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Abbott, Clifford Belcher, | *Belfast, Me.*, | East Hall, 1. |
| Hoyt, Ezra Almon, | *Rumford, Me.*, | West Hall, 23. |
| Scott, Orange Johnson, | *Elmore, Vt.*, | West Hall, 23. |
| West, James Harcout, | *Boston*, | West Hall, 29. |

## SECOND YEAR.

| | | |
|---|---|---|
| Chapin, Eben Hubert, A.B., (*Lomb. Univ.*) | *Kirkwood, Ill.*, | West Hall, 26. |
| Critchett, Thomas William, | *Boston*, | West Hall, 32. |
| Illman, Henry Atwood, | *Philadelphia, Pa.*, | West Hall, 28. |
| Scoboria, Joseph Lower, | *No. Somerville*, | West Hall, 29. |
| Smith, Hiram Wooster, | *Ellsworth Falls, Me.*, | Mrs. Folsom's. |
| Taylor, James, | *Worcester*, | West Hall, 22. |
| Temple, Edward Foster, | *No. Somerville*, | West Hall, 29. |
| Weeks, William Marston, | *Marston's Mills*, | West Hall, 27. |
| Whippen, Frank Warren, A.B., | *Lynn*, | Mid. Hall, 7. |

## THIRD YEAR.

| NAME. | RESIDENCE. | ROOM. |
|---|---|---|
| Bartlett, Francis Justin, | *Readsboro'*, Vt., | West Hall, 24. |
| Biggs, Samuel Royal Harrod, | *Mt. Gilead, Ohio,* | Mid. Hall, 2. |
| Churchill, Clarence Elmore, A.B., | *Nashua, N. H.,* | West Hall, 30. |
| Houghton, Frederick Mason, | *Norway, Me.,* | West Hall, 24. |
| Perkins, Warren S., | *Niantic, Conn.,* | West Hall, 31. |
| Smith, James Edward, | *Mt. Gilead, Ohio,* | West Hall, 25. |
| Vannevar, John, | *Malden,* | West Hall, 28. |
| White, Albert Corydon | *Columbus, Ohio,* | West Hall, 26. |

## FOURTH YEAR.

| | | |
|---|---|---|
| Bush, Richard Perry, | *Provincetown,* | West Hall, 21. |
| Hammatt, Albert, | *College Hill,* | West Hall, 21. |
| Kellerman, Robert Scott, | *Cedar Hill, Ohio,* | Dr. Sawyer's. |
| Sprague, Francis Willard, A. B.,<br>(*Phila. High School.*) | *Philadelphia, Pa.,* | West Hall, 25. |

# ADMISSION

## TO THE

# THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the Academic year.

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education, and it is desirable that they should have some knowledge of the Latin and Greek Languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of Theology, shall take, as preliminary, a full Collegiate Course of study. The call is for men of liberal culture, and it has been found that Academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of

such, and yet provide for thorough training and comprehensive development, a four years course has been instituted. It is not to be expected that this will prove a full equivalent of a Collegiate and a Professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time, that important factor in education gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction, and a new impetus to all of his efforts. This course is therefore recommended to all who cannot avail themselves of a preparatory Collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

*Rhetoric.*—Principles of Effective Speech; Rhetorical Analysis; Themes.

*Logic.*—Psychological Data; The Notion and Proposition; Deduction.

*Greek Language.*

*History.*—Biblical History and Geography.

*Biblical Archæology.*

*German Language.*

*Old Testament*—Introduction to study of; Critical Reading of the Historical Books; Questions relating to the Criticism and Interpretation of the Didactic and Prophetic Books.

## SECOND YEAR.

*The Greek of the Gospels.*

*Rhetoric.*—Studies in English Oratory; Analysis of Arguments.

*Logic.*—Induction; Definition; Logic of the Sciences; Fallacies.

*Psychology.*—The Intellect, its Functions, Developments, and Faculties; Historical Statement of the Leading Questions of Mental Philosophy.

*German Language.*

*History.*—Ancient and Modern Church History.

*New Testament.*—Introduction to Study of the Gospels; Principles of Interpretation; Exegesis; Exegetical Essays by the Class.

*Homiletics.*—History of Preaching; Analysis of the Sermon.

*Hebrew Language.*

## THIRD YEAR.

*Psychology.*—Facts of the Moral Nature; Ethical Theories; The Will; Christian Ethics.

*History.*—History of Doctrines.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology.

*Homiletics.*—Study of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*

## FOURTH YEAR.

*Theology.*—Systematic and Comparative; Distinctive Doctrines of Universalism.

*Natural Theology.*—Nature and Grounds of the Theistic Arguments; Special Studies with reference to the Evidences of Order and Design; Analogy of Nature and Religion; Relations of Science and Christianity.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership and Offices of the Church.

*Pastoral Theology.*—Pastoral Care; Ordinances of Worship; Systematic Beneficence; The Christian Spirit and Life.

ESSAYS.—In each department of study, students are required to write essays on the most important topics.

SERMONS.—The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

EXAMINATIONS.—Written reviews are held monthly in all departments. At the end of each term, students are subject to a public written examination upon the work of the term.

DEVOTIONAL EXERCISES.—Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

The FULL COURSE occupies three years for Bachelors of Arts; for all others, four years.

The SPECIAL COURSES occupy respectively, one, two, and three years.

Students may remain in the School after graduation, and continue their studies under the direction of the Faculty.

FRENCH LANGUAGE.—Students may receive instruction in French, in the Academical department.

LECTURES.—Students are permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

SOCIETIES.—There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

LIBRARIES.—Students have free access to the general library of the College, also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

GENERAL FACILITIES.—Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted divines of New Eng-

land officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

DEGREE.—The Degree of BACHELOR OF DIVINITY is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

DIPLOMAS certifying to attainments are conferred upon those who have taken one of the Special Courses.

ROOMS, EXPENSES, ETC.—The rooms assigned to the Divinity Students, are in the West Hall, recently built, and are large, well-ventilated apartments. Each Study is provided with suitable furniture; and the bed-room adjoining each study is furnished with bedstead, bureau, etc.

Tuition, room-rent, and use of furniture, free. Board, about three dollars and a half per week. The necessary school expenses, including board, washing, fuel, lights, text-books, etc., will not exceed two hundred and twenty-five dollars per year.

THE GREENWOOD SCHOLARSHIP.—The income of one thousand dollars will be given as a Prize-Scholarship to some member of the Divinity School, for excellence in such department of work as the Faculty of that School shall determine.

The General Convention of Universalists aids students by a system of loans; and those in the regular course, who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

# CALENDAR.

1878.

| | | | |
|---|---|---|---|
| Sept. | 19. | Term begins, | Thursday morning. |
| Sept. | 22. | Russell Lecture, | Sunday, 4 P.M. |

*Recess from the day preceding Christmas to the day following New Year's, both inclusive.*

1879.

| | | |
|---|---|---|
| May | 21. | Commencement Parts assigned, Wednesday. |
| June | 8. | Sermon before Grad. Class Div. School, Sunday. |
| June | 10. | Prize Speaking and Reading, Tuesday, P.M. |
| June | 11. | Anniversary Divinity School, Wednesday. |
| June | 15. | Baccalaureate Sermon, Sunday. |
| June | 18. | Commencement, last Wednesday but one in June. |
| June | 19. | Examination for Admission begins Thursday, 9 A.M. |

SUMMER VACATION, THIRTEEN WEEKS.

| | | |
|---|---|---|
| Sept. | 16. | Second Examination for Admission, Tuesday, 9 A.M. |
| Sept. | 17. | Examination for Admission to Divinity School. |
| Sept. | 18. | College Year begins, Thursday morning. |
| Sept. | 21. | Russell Lecture, Sunday, 4 P.M. |

NOTE.—Trains stopping at College Hill, leave the Depot of the Lowell Railroad, in Boston, at 6.45, 10, 11.30 A.M., 12.10, 3, 5.10, 5.45, 6.30, 7.30 and 10.30 P.M. Return at 6.20, 7.20, 8.07, 9.22, 10.35, A.M., 1.35, 3.06, 4.20, 5.20, 6.45, 9.35, P.M. The College is four miles from Boston. Post-Office address, College Hill, Mass.

A

# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

# TUFTS COLLEGE.

1879-80.

BOSTON:
PRINTED BY JOHN S. SPOONER,
PROVINCE STREET.

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---

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*Professor of the Greek Language and Literature.*

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WILLIAM R. SHIPMAN, A.M.,
*Professor of Rhetoric, Logic, and English Literature.*

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*Professor of Psychology and Natural Theology.*

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*Professor of Chemistry.*

BERNHARD MAIMON, A.M.,
*Instructor in the Hebrew Language and Literature.*

GEORGE T. KNIGHT, A.M., B.D.,
*Instructor in Rhetoric and Church History.*

GEORGE L. PERRY, C.E.,
*Walker Special Instructor in Mathematics.*

WILLIAM R. SHIPMAN, A.M.,
*Librarian.*

## FACULTY OF THE COLLEGE.

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JOHN P. MARSHALL, A.M.
JEROME SCHNEIDER, Ph. D.
HEMAN A. DEARBORN, A.M.
BENJAMIN G. BROWN, A.M.
WILLIAM R. SHIPMAN, A.M.
AMOS E. DOLBEAR, A.M.B., A.M.
MOSES T. BROWN, A.M.
CHARLES E. FAY, A.M., *Secretary.*
CHARLES D. BRAY, C.E., A.M.
S. MINOT PITMAN, A.M.B.
GEORGE L. PERRY, C.E.

# CANDIDATES

## FOR THE DEGREE OF

# MASTER OF ARTS.

### Resident.

| | | |
|---|---|---|
| Klinghammer, Jerome Wm., '79,<br>(*Mathematics and Chemistry.*) | *College Hill,* | Prof. Schneider's. |
| Wells, Fred Enos, '79,<br>(*Biology and Chemistry.*) | *Lynn,* | Mid. Hall, 11. |

### Non-Resident.

| | |
|---|---|
| Adams, John Coleman, '70, B.D. '72,<br>(*History and Philosophy.*) | *Newtonville.* |
| Beckwith, Walter Parker, '75,<br>(*Philosophy, Eng. Lit., and Pol. Econ.*) | *Adams.* |
| Fuller, William, '79,<br>(*English and German Literature.*) | *Fort Plain, N. Y.* |
| Harmon, George Milford, '67, B.D. '75,<br>(*English Literature and Philosophy.*) | *Adams.* |
| Hawes, Frank Massena, '72,<br>(*English Literature and Philosophy.*) | *Somerville.* |
| Jordan, Charles Nelson, '77,<br>(*Jurisprudence and Latin.*) | *Bangor Me.* |

# UNDERGRADUATES.

## SENIOR CLASS.

| | | |
|---|---|---|
| Bryant, Seth Cline, | *Stoneham,* | Mid. Hall, 18. |
| Burns, Hiram Hutchins, | *Kingston,* | Mid. Hall, 18. |
| Busfield, Theodore Elmer, | *Hudson,* | Mid. Hall, 19. |
| Davis, Edwin Elwell, | *Canton,* | West Hall, 11. |
| Donovan, Lawrence John, | *Rockland,* | East Hall, 10. |
| Eaton, Walter Reynolds, | *Stoneham,* | West Hall, 8. |
| Eddy, Richard Henry, | *College Hill,* | Rev. Mr. Eddy's. |
| Foster, John Gilman, | *Derby Line, Vt.,* | West Hall, 4. |
| Friend, Walter Morrison, | *College Hill,* | Mrs. Friend's. |
| Gardner, George Arthur, | *West Acton,* | West Hall, 12. |
| Gilcreast, Walter Lee Smith, | *Methuen,* | East Hall, 31. |
| Hamilton, Frederic William, | *Portland, Me.,* | West Hall, 10. |
| Messer, Sylvester Bowman, | *Springfield, N. H.,* | East Hall, 23. |
| Pearce, Harley Nelson, | *East Calais, Vt.,* | West Hall, 9. |
| Van Campen, Hiram, Jr., | *New Bedford,* | West Hall, 4. |
| Wilder, Frank Wellington, | *Sterling,* | West Hall, 10. |
| Darling, Jewett, | *Charlton,* | East Hall, 11. |
| Leach, William Wilson, | *Monson,* | West Hall, 12. |
| Sheldon, George Spence, | *Sheldonville,* | West Hall, 8. |
| Sherman, Robinson Morton, | *Williamsville, Vt.,* | West Hall, 9. |

## JUNIOR CLASS.

| | | |
|---|---|---|
| Bartholomew, John May, | *Franklin,* | West Hall, 13. |
| Cate, George Wilbur, | *Calais, Vt.,* | East Hall, 10. |

| | | |
|---|---|---|
| Cook, Irving Sherburne, | *Woonsocket, R. I.*, | East Hall, 30. |
| Cummings, Joseph, Jr., | *Taunton*, | Mid. Hall, 14. |
| Friend, Arthur Procter, | *College Hill*, | Mrs. Friend's. |
| Gowing, Fred, | *Medford*, | Mid. Hall, 9. |
| Leonard, Charles Gale, | *College Hill*, | Prof. Leonard's. |
| Mack, William Elwin, | *Woodstock, Vt.*, | East Hall, 23. |
| McCollester, Sullivan Lee, | *Marlboro, N.H.*, | West Hall, 11. |
| Meserve, Henry Clifford, | *North Jay, Me.*, | West Hall, 3. |
| Powers, Edmund Wilson, | *Sterling*, | West Hall, 3. |
| Presho, Edward Webb, | *Charlestown*, | Mid. Hall, 9. |
| Burt, Frank Leslie, | *Adams*, | Mid. Hall, 7. |

## SOPHOMORE CLASS.

| | | |
|---|---|---|
| Farrell, William, | *Stoughton*, | East Hall, 25. |
| Howe, Frank Herbert, | *Norway, Me.*, | West Hall, 1. |
| Howe, George Robley, | *Norway, Me.*, | West Hall, 1. |
| Lothrop, Thomas Whittier, | *Belfast, Me.*, | West Hall, 2. |
| Lovejoy, George Montgomery, | *Calais, Me.*, | West Hall, 2. |
| Pierce, Arthur Winslow, | *Arlington*, | East Hall, 8. |
| Rand, Frank Prescott, | *Hartland, Me.*, | East Hall, 13. |
| Record, Florian Delton, | *Auburn, Me.*, | East Hall, 18. |
| Riley, Herbert Smith, | *Woburn*, | East Hall, 15. |
| Wood, Henry, | *North Easton*, | East Hall, 25. |

## FRESHMAN CLASS.

| | | |
|---|---|---|
| Bicknell, Charles Loring, | *Auburn, Me.*, | Mrs. Mellen's. |
| Currier, Nathan, | *Enfield, N. H.*, | East Hall, 19. |

| | | |
|---|---|---|
| Edwards, Hubert Foote, | *College Hill,* | Pres. Capen's. |
| Gerould, Charles Walter, | *Chicago, Ill.,* | Cambridge. |
| Mayberry, Charles Bradford, | *Weston,* | East Hall, 2. |
| Perry, Oscar Hoyt, | *Wayland,* | West Hall, 14. |
| Puffer, Charles Hunnycutt, | *Stafford, Conn.,* | West Hall, 14. |
| Pushaw, Frank Leslie, | *Pittsfield, Me.,* | East Hall, 13. |
| Snow, Frederick Elmer, | *Auburn, Me.,* | Mrs. Mellen's. |
| Ward, Winfield Scott, | *Woburn,* | Mid. Hall, 17. |

### SPECIAL STUDENTS.

| | | |
|---|---|---|
| Eveleth, Walter, | *Auburn, Me.,* | East Hall, 18. |
| Manning, Charles Bolles, 2nd, | *Rockport,* | Pres. Capen's. |
| Pearson, Fred Stark, | *Medford,* | Mrs. Pearson's. |

## DEPARTMENT OF ENGINEERING.

### THIRD CLASS.

| | | |
|---|---|---|
| Chandler, George Washington, | *Tewksbury,* | East Hall, 27. |
| Putnam, James Herbert, | *Danvers,* | East Hall, 30. |
| Silva, Octavio Pacheco, | *Campinas, S. P., Brazil,* | West Hall, 7. |

### SECOND CLASS.

| | | |
|---|---|---|
| Milliken, George King, | *Alstead, N. H.,* | Mid. Hall, 8. |
| Rice, Frederick Avery, | *Watertown, N. Y.,* | East Hall, 22. |

| | | |
|---|---|---|
| Norton, Henry Addison, | *Hightstown, N. J.,* | Prof. Fay's. |

# ADMISSION

## TO THE

# REGULAR COLLEGE COURSE.

Applicants for admission must produce certificates of good moral character. If they come from other colleges, certificates also of their regular dismission are required.

For admission to the Freshman Class, an examination must be well sustained in the following studies:

*Latin.*— Ovid's Metamorphoses, twelve selections of Allen and Greenough's edition, or four books of Andrew's; six books of Virgil's Æneid; four books of Cæsar's Commentaries; seven Orations of Cicero, including the Manilian Law; Allen and Greenough's, or Harkness's Grammar, including Prosody; Harkness's Introduction to Latin Composition, to Part III; Smith's Roman History.

*Greek.*— Three books of Homer's Iliad; four books of Xenophon's Anabasis; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the Accents; outlines of the Geography and History of Ancient Greece.

*Mathematics.* — Eaton's or Thomson's New Practical Arithmetic, with the Metric System; Olney's Introduction to Algebra; Plane Geometry.

*Geography and History.*— Modern Geography; History of the United States.

*English Grammar and Composition.* — Spelling; Punctuation; Structure of Sentences; Correct Use of Words; Clearness of Expression. The examination will consist in writing a composition of one or two pages on a subject selected from standard works in English Literature. Such works will be announced in each annual catalogue, and for 1880 are as follows: Shakespeare's Merchant of Venice; Thomson's Castle of Indolence; Scott's Ivanhoe.

For the text books here mentioned, such other text books as are equivalents, will be accepted.

The regular examination for admission will be held, beginning on the day after Commencement, and continuing through that and the following days until it is completed. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the college year. The examination will begin at 9 o'clock, A.M., on each of these days.

For admission to an advanced class, an examination must be well sustained, both in the preparatory studies and in the studies through which such class has passed, but no person will be admitted after the beginning of the Senior year.

To be admitted to advanced standing, one must also pay half the tuition of the previous portion of the Course, unless he comes from another college; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June those who will be candidates for admission to the Freshman Class one year later, may present themselves for a preliminary examination, if prepared on not less than ten of the eighteen subjects enumerated on the preceding page, and may receive certificates if they pass on not less than seven. In making up the eighteen, Latin includes seven subjects, Greek five, Mathematics three, and Geography, History, and English represent one each.

# COURSE OF STUDY.

## FRESHMAN CLASS.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Greek.*—Xenophon; Herodotus; Thucydides; Homer's Odyssey; Greek Dialects; Greek Prose Composition; Goodwin's Greek Moods and Tenses.

*Mathematics.*—Wells's or Olney's Algebra; Wentworth's Solid and Spherical Geometry; Wheeler's Trigonometry.

*Rhetoric.*—Declamations.

*Roman History.*—Rawlinson's Manual.

*Lectures on the Geography and Topography of Ancient Greece.*

## SOPHOMORE CLASS.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Greek.*—Greek Orators; Greek Dramatists; Greek Metres; Greek Prose Composition.

*Mathematics.*—Howison's Analytic Geometry; Applications of Trigonometry; Olney's Geometry, Part III.

*Surveying.*—Field Practice.

*Rhetoric.*—A. S. Hill's; English Literature; Themes; Declamations.

*French.*—Macmillan's (Fasnacht's) Grammar; Lacombe, Histoire du Peuple Français.

*Physics.*—Ganot's.

## JUNIOR CLASS.

### REQUIRED STUDIES.

*German.*— Grammar in Lectures, with Whitney's for reference; Eysenbach's Practical Grammar; Mügge, Novellen.

*Physics.*—Ganot's; Lectures.

*Rhetoric.*—Themes; Original Declamations.

*Logic.*—Jevons's.

*Botany.*—Gray's Manual.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

### ELECTIVE STUDIES.

*Mathematics.*—Descriptive Geometry; Loomis's Differential and Integral Calculus; Drafting.

*Greek.*—Plato.

*Latin.*—Juvenal; Cicero.

*German.*— Goethe, Hermann und Dorothea; Schiller, Maria Stuart.

*French.*—Racine; Corneille; Molière; Brachet, Grammaire Historique; Plœtz, Grammaire Française, (basée sur le latin); Chardenal's Advanced Exercises.

*Rhetoric.* — Oratory; Analysis of Speeches; English Literature.

*Chemistry.*—Theoretical and Descriptive; Laboratory Work; Qualitative Analysis.

*Physics.*—Practical Work in the Laboratory.

*Metallurgy.*—Iron and Steel.

*Engineering.*—Descriptive Geometry; Drafting.

## SENIOR CLASS.

### REQUIRED STUDIES.

*Political Economy.*—Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual, with Lectures on Christian Evidences.

*Psychology.*—Porter's Human Intellect.

*Rhetoric.*—Forensics; Themes; Reading.

*Astronomy.*—Lockyer's, with Lectures.

*Zoology.*—Nicholson's, with Lectures.

*Geology.*—Dana's, with Lectures.

*Mineralogy.*—Lectures, and Blow-pipe Analysis.

*Physiology.*—Lectures.

### ELECTIVE STUDIES.

*Mathematics.*—Geometry of Three Dimensions; Mechanical and Architectural Drawing; Salmon's Conic Sections; Advanced Mechanics.

*Jurisprudence.*— Mackenzie's Roman Law; Maine's Ancient Law; the XLIVth Chapter of Gibbon; Lectures.

*English Literature; Logic; Metaphysics; Oratory.*

*Greek, Latin, French, German, or Italian Language.*

*Chemistry.*— Theoretical and Descriptive; Qualitative Analysis.

*Physics.*—Practical Work in the Laboratory.

*Biology.*—Huxley and Martin's; Laboratory Work.

*Mineralogy.*—Blow-pipe Analysis, Qualitative and Quantitative.

*Engineering.*—Topographical Surveying and Drawing; Steam Engine.

# PHILOSOPHICAL COURSE.

This course of instruction, prepared for those who enter for the degree of Bachelor of Philosophy, occupies four years. It includes all the studies of the Regular Course, except Greek, requires additional French and German, and offers an opportunity of pursuing certain elective studies to a greater extent.

The requisitions for admission are the same as for the Regular Course, with the omission of Greek, and the addition of French, as follows: all of Otto's Grammar, or Macmillan's (Fasnacht's) Progressive French Course ; the first fifteen chapters of Lacombe's Petite Histoire du Peuple Français.

# COURSE OF STUDY.

## FRESHMAN CLASS.

### REQUIRED STUDIES.

*Latin.*—Livy; Horace, Odes and Epodes; Ramsay's Roman Antiquities; Latin Prose Composition.

*Mathematics.*—Wells's or Olney's Algebra; Wentworth's Solid and Spherical Geometry; Wheeler's Trigonometry.

*Rhetoric.*—Declamations.

*Roman History.*—Rawlinson's Manual.

*French.*— Racine; Corneille; Molière; Brachet, Grammaire Historique; Plœtz, Grammaire Française, (basée sur le latin); Chardenal's Advanced Exercises.

*French History.*

### ELECTIVE STUDIES.

*Physics.*—Elementary, with work in the Physical Laboratory.

*Drawing; English Language and Literature.*

## SOPHOMORE CLASS.

### REQUIRED STUDIES.

*Latin.*—Horace, Satires and Epistles; Cicero de Officiis; Germania and Agricola of Tacitus; Latin Prose Composition.

*Mathematics.*—Howison's Analytic Geometry; Applications of Trignometry; Olney's Geometry, Part III.

*Surveying.*—Field Practice.

*Rhetoric.*—A. S. Hill's; English Literature; Themes; Declamations.

*German.*—Grammar in Lectures, with Whitney's for reference; Eysenbach's Practical Grammar; Mügge, Novellen; Goethe, Hermann und Dorothea; Schiller, Maria Stuart.

*Physics.*—Ganot's.

### ELECTIVE STUDIES.

*Chemistry*—with Lectures and Laboratory Practice.

*Physics.*—Practical Work in the Laboratory.

*Drawing; English Language and Literature.*

## JUNIOR CLASS.

### REQUIRED STUDIES.

*German.*—Vilmar, Geschichte der deutschen Literatur; Schiller, Wallenstein.

*Physics.*—Ganot's; Lectures.

*Rhetoric.*—Themes; Original Declamations.

*Logic.*—Jevons's.

*Botany.*—Gray's Manual.

*Chemistry.*—Theoretical and Descriptive, with Lectures and Laboratory Practice.

### ELECTIVE STUDIES.

*Latin; Rhetoric; Mathematics; Chemistry; Physics; Metallurgy.*

*Engineering.*—Descriptive Geometry; Drafting.

## SENIOR CLASS.

### REQUIRED STUDIES.

*Political Economy.*—Fawcett's, with Lectures.

*Moral Philosophy.*—Fleming's Manual, with Lectures on Christian Evidences.

*Psychology.*—Porter's Human Intellect.

*Zoology.*—Nicholson's, with Lectures.

*Geology.*—Dana's, with Lectures.

*Mineralogy.*—Lectures; Blow-pipe Analysis.

*Rhetoric.*—Forensics; Themes; Reading.

*Astromomy.*—Lockyer's, with Lectures.

*Physiology.*—Lectures.

### ELECTIVE STUDIES.

*Jurisprudence; Metaphysics; Logic; Oratory.*

*Latin, French, German, or Italian Language.*

*Mathematics; Chemistry; Physics; Biology; Mineralogy.*

*Engineering.*—Topographical Surveying and Drawing; Steam Engine.

# ENGINEERING COURSE.

This course, extending through three years, is established for those who enter for the degree of Civil Engineer.

The requisitions for admission are as follows: Arithmetic, with the Metric System; Algebra, including the Theory of Equations; Plane Geometry; Modern Geography; History of the United States; English Grammar and Composition, the same as for the Regular Course.

A fourth year of study is provided for those graduate Engineers who wish to take up work in some branch of Engineering and in other departments of the College.

# COURSE OF STUDY.

## FIRST YEAR.

*Mathematics.*—Algebra finished; Solid and Spherical Geometry; Plane and Spherical Trignometry.

*Descriptive Geometry.*—Theory and Plates.

*Shades, Shadows, and Perspective.*

*Drawing.*—Elementary; Orthographic Projection.

*Surveying.*—Theory, with Elementary Practice; Compass Surveys.

*Chemistry.*—Theoretical and Descriptive, with Lectures.

*Metallurgy.*—Iron and Steel.

*French.*—Macmillan's (Fasnacht's) Grammar; Lacombe, Petite Histoire du Peuple Français.

## SECOND YEAR.

*Mathematics.*—Analytical Geometry; Calculus.

*Mechanics.*—General and Applied, with Lectures on Construction,

*Physics.*—Ganot's Physics; Lectures.

*Steam Engine.*—Theory and Construction.

*Topography.*—Field-work and Drawing.

*French.*—Translation from Standard Technical Works.

### ELECTIVE STUDIES.

*Chemistry.*—Laboratory Practice; Photography.

*Mineralogy.*—Blow-pipe Analysis.

*Physics.*—Practical Work in the Laboratory.

## THIRD YEAR.

*Mathematics.*—Calculus.

*Mechanics.* — Applied Mechanics, with Lectures on Bridges and Roofs.

*Civil Engineering.*—Strength of Materials ; Stability of Structures of Stone, Wood, and Iron ; Drainage and Sewerage ; Hydraulics.

*Road Engineering.*—Surveys and Estimates.

*Drawing.*--Structures and Machines.

*Astronomy.*—Lockyer's, with Lectures.

### ELECTIVE STUDIES.

*German.*—Grammar in Lectures, with Whitney's for reference; Eysenbach's Practical Grammar; Mügge, Novellen.

*Engineering.*—Special Work.

Elective Studies. — The programme requires sixteen recitations a week or their equivalent, except in the Senior year when fifteen are required. In making up this programme three hours are assigned to Electives in the first half of Junior year, and five in the second half; and six hours throughout the Senior year. These hours, except in the first half of Junior year, are to be divided between two studies. Extra electives may be taken, if, in the judgment of the Faculty, they can be profitably pursued. Choice of electives must be indicated in writing not later than the first Saturday of the half-year. New elections may be made at such other times as are prescribed in the several departments.

Examinations.—Frequent written reviews are held, and written examinations of all the classes at stated intervals, or on comple-pletion of studies. There is also a public examination in writing, of all the classes, during not less than four days, at the close of each year.

Religious Observances.—All resident students are required to attend morning prayers, and the reading of the scriptures in the Chapel.

All resident students are required to attend public worship on Sundays, in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted for reasons of conscience to attend regularly at a church of their own denomination.

Russell Lecture.—The Russell Lecture, established in accordance with a bequest of the late Hon. James Russell of Arlington, is delivered before the Trustees, Faculty, and Students on the first Sunday of the college year by either a clergyman or a layman, on a subject prescribed by the testator.

Library.—The Library contains about 19,000 volumes, including those of the Historical Society, and more than 5,000 pamphlets.

Joy Library Fund.—The income of a fund of twelve hundred dollars, the donation of John D. W. Joy, Esq., of Boston, is devoted to the purchase of books for the Library, preference being given to the department of Philology.

## EXPENSES.

| | | | |
|---|---|---|---|
| College Charges, (Tuition, Care of Rooms, Incidentals,) per year, | . . | $100.00 | $100.00 |
| Half Room rent, from $15 to $37.50, " | . . | 15.00 | 37.50 |
| Board, $3.00 per week, " | . . | 117.00 | 117.00 |
| Total, | | $232.00 | $254.50 |

While the College Charges are as above stated, one hundred dollars per year, the College is, practically, free to those whose circumstances necessitate it.

Students board in commons at $3.00 per week; in private families at $3.00 to $4.00. Other expenses vary with the economy of each student. Students furnish their own rooms.

The charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March; the second is made immediately after Commencement, and is payable on the first day of the following College year, but the second bill of the Senior year must be paid at least one day before Commencement.

## SCHOLARSHIPS.

There are *twenty-eight Scholarships* in the gift of the College, twenty-five of *one hundred dollars* and three of *sixty dollars* each, as follows:

Three State Scholarships, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

Four Howland Scholarships, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

Five Walker Mathematical Scholarships, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I., whose munificent donations and bequests for mathematical and kindred purposes, greatly extend the usefulness of the College in these departments.

The PERKINS SCHOLARSHIP, of *sixty dollars*, founded by James D. Perkins, Esq., of Boston, by a donation of one thousand dollars.

ONE OTHER, of *sixty dollars*, established by the conversion of the Loan Fund, of one thousand dollars, to that purpose.

The GREENWOOD PRIZE SCHOLARSHIP, established from the bequest of one thousand dollars by the late Mrs. Eliza M. Greenwood, of Malden, given to such student as shall have made the best attainments in Oratory.

THREE PRIZE SCHOLARSHIPS OF NATURAL HISTORY, income of a special fund, which are given to such competitors, as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History, with which these scholarships are associated. The competition is open in any branch, to all members of the College who have not taken a prize in that branch.

PACKARD FREE SCHOLARSHIPS.—In addition to the above, "ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places."

These awards are made by the Board of Trustees on the recommendation of the Faculty.

Scholarships, except the Packard Free Scholarships, when voted, are understood to cover the College year just ended; but the obtaining of a scholarship for one year, does not constitute any title to a second nomination.

APPOINTMENTS.— The pay of a Monitor is *twenty dollars* a year; that of the Bell-ringer, *one hundred dollars.*

Applications for the above Scholarships and other aids must be made to the Faculty on or before the first day of June; and, if the applicant be a minor, must be sanctioned by his parent or guardian.

No one need apply who has not made satisfactory progress, or who has come under any grave censure in the course of the year.

## PRIZES.

Goddard Prizes.—In the second term of the Academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows:

A Prize for the best Dissertation, by a member of the Senior Class, on the following subject: "The Free Cities of the Middle Ages."

A Prize for the best Examination in Plato's Symposium, or the Clouds of Aristophanes, including an account of the author and his works.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of six Sections of Chapter LX in Liddell's History of Rome, beginning with the seventh.

A Prize for the best Examination in Geometry and Algebra, by a member of the Freshman Class.

The Dissertations and Translations must be left at the President's office, by the 1st of May in sealed envelopes accompanied by sealed letters containing the authors' names.

Six other prizes from the same fund are assigned as follows:—

Two Prizes of *twenty* and *ten dollars* respectively, to the best Readers of the Senior Class.

Two Prizes of *twenty* and *ten dollars* respectively, to members of the Junior Class for the best exhibition of improvement and skill in Elocution.

Two Prizes of *twenty* and *ten dollars* respectively, on the same conditions, to members of the Sophomore Class.

The selections for reading and declamation must be approved by the Professor of Oratory. The names of competitors for the prize in Reading and Elocution must be handed to the President at least two weeks before the day of trial.

Packard Prizes.—In accordance with a provision of the will of the late Silvanus Packard, ten prizes of *twenty dollars* each are annually awarded to as many students who rank highest in scholarship and good behavior.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

## AWARDS FOR 1879.

The Prizes and Prize-Scholarships for the last year were awarded as follows:

*For English Essay.*

To William Fuller, of the Senior Class.

*Natural History Prize-Scholarship.*

To Harry Rust Virgin, of the Senior Class, in the department of Mineralogy.

*Greenwood Prize-Scholarship.*

To Edwin Elwell Davis, of the Junior Class.

*For Declamation.*

To Frank Wellington Wilder, and Lawrence John Donovan, of the Junior Class; and to Charles Gale Leonard and Irving Sherburne Cook, of the Sophomore Class.

*For Reading.*

To Frederick Washington Tibbets and William Fuller, of the Senior Clsss.

*Packard Prizes.*

To Leonard Owen Buzzell, of the Senior Class; Lawrence John Donovan and Walter Lee Smith Gilcreast, of the Junior Class; Irving Sherburne Cook and Fred Gowing, of the Sophomore Class; Florian Delton Record and Arthur Winslow Peirce, of the Freshman Class; and Matthias Little and William Petrie, of the first Engineering Class.

Special Honors were conferred in 1879 upon William Fuller, in the departments of English Literature and Modern Languages, and Anson Montford Richardson, in the department of English Literature.

# HONORS AND DEGREES.

Special honors will be conferred at Commencement upon any Senior of the Regular Course, or of the Philosophical Course, who shall have complied with the following conditions: (1) He must have excelled in the required work of the study in which he desires honors, and also in the required work of two cognate studies. (2) In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction. (3) He must pass an examination before a committee of the Faculty, on as much extra work in the study in which he desires honors, as would be equal to two hours a week for a year. This examination may be either oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

Departments are open for Honors as follows: I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. English Literature, VI. Philosophy, VII. Modern Languages, VIII. Classics.

A student is expected to apply for honors as early as the middle of his Junior year, and may make up his standing in any study in which he is deficient. The grade of honors, as well as the department, will be mentioned in the diploma and printed in the Catalogue. Special requisitions may be made in any department.

The degree of Master of Arts will be conferred upon such graduates of the Regular Course, and of the Philosophical Course, as shall pursue during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by examination. This degree will be conferred, under the same conditions, on graduates of other colleges whose courses of study have been equivalent to the courses for which the degrees of A.B. and B.Ph. are given by Tufts College.

Students in the Academical departments may so arrange their elective courses as to enable them to obtain the degree of Civil Engineer by a one year's post-graduate course in the Department of Engineering.

# DIVINITY SCHOOL.

## FACULTY.

Rev. ELMER H. CAPEN, D.D., President.

Rev. THOMAS J. SAWYER, D.D.,
*Packard Professor of Christian Theology.*

Rev. CHARLES H. LEONARD, A.M.,
*Goddard Professor of Homiletics and Pastoral Theology.*

WILLIAM G. TOUSEY, A.M., B.D.,
*Professor of Psychology and Natural Theology.*

Rev. GEORGE T. KNIGHT, A.M., B.D.,
*Instructor in Rhetoric and Church History.*

BERNHARD MAIMON, A.M.,
*Instructor in the Hebrew Language and Literature.*

MOSES T. BROWN, A.M.,
*Professor of Oratory.*

Rev. A. ST. JOHN CHAMBRÉ, D.D.,
*Lecturer on Ecclesiastical History.*

# STUDENTS.

## FIRST YEAR.

| | | |
|---|---|---|
| Darling, Olney Inman, | *Warren,* | West Hall, 23. |
| Dusseault, William, | *Somerville,* | West Hall, 32. |
| Eastman, John Putney, | *Manchester, N.H.,* | West Hall, 28. |
| Goodspeed, Herbert Nelson, | *Mattapoisett,* | |
| Knickerbocker, Charles Arthur, | *Wayne, Mich.,* | West Hall, 22. |
| Maulsby, David Lee, | *Baltimore, Md.,* | West Hall, 23. |
| Rice, Clarence E., | *Watertown, N.Y.,* | East Hall, 22. |
| White, Rufus Austin, | *Towanda, Pa.,* | West Hall, 22. |

## SECOND YEAR.

| | | |
|---|---|---|
| Abbott, Clifford Belcher, | *Belfast, Me.,* | |
| Ballou, Hosea Starr, | *Boston,* | West Hall, 16. |
| Hoyt, Ezra Almon, | *Rumford, Me.,* | East Hall, 31. |
| Scott, Orange Johnson, | *Elmore, Vt.,* | East Hall, 1. |
| West, James H. | *Boston,* | West Hall, 26. |

## THIRD YEAR.

| | | |
|---|---|---|
| Chapin, Eben Hubert, A.B., (*Lomb. Univ.*) | *Kirkwood, Ill.*, | West Hall, 25. |
| Critchett, Thomas William, | *Boston*, | West Hall, 32. |
| Scoboria, Joseph Lower, | *Somerville*, | West Hall, 29. |
| Smith, Hiram Wooster, | *Ellsworth Falls, Me.* | |
| Taylor, James, | *Worcester*, | West Hall, 28. |
| Temple, Edward Foster, | *Somerville*, | West Hall, 29. |
| Weeks, William Marston, | *Marston's Mills*, | West Hall, 27. |
| Whippen, Frank Warren, A.B., | *Lynn*, | Mid. Hall, 11. |

## FOURTH YEAR.

| | | |
|---|---|---|
| Bartlett, Francis Justin, | *Readsboro', Vt.*, | West Hall, 26. |
| Biggs, Samuel Royal Harrod, | *Mt. Gilead, Ohio.*, | Mid. Hall, 2. |
| Churchill, Clarence Elmore, A.B., | *Nashua, N. H.* | West Hall, 30. |
| Headle, Edwin Charles, A.B. | *Mechanicsville, Vt.*, | Mid. Hall, 10. |
| Houghton, Frederick Mason, | *Norway Me.*, | West Hall, 24. |
| Perkins, Warren S., | *Niantic, Conn.*, | West Hall, 31. |
| Smith, James Edward, | *Mt. Gilead, Ohio*, | West Hall, 28. |
| Vannevar, John, | *Malden*, | West Hall, 24. |
| White, Albert Corydon, | *Columbus, Ohio*, | West Hall, 25. |

## RESIDENT GRADUATES.

| | | |
|---|---|---|
| Bush, Richard Perry, B.D., | *Provincetown*, | West Hall, 21. |
| Hammatt, Albert, B.D., | *College Hill*, | West Hall, 21. |

# ADMISSION

## TO THE

# THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian Religion, and have a sincere purpose to devote their lives to the Christian Ministry. It is expected that they will present themselves on the first day of the academic year.

Bachelors of Arts are admitted without examination. Other candidates must have received a good English education, and it is desirable that they should have some knowledge of the Latin and Greek languages.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of Theology, shall take, as preliminary, a full collegiate course of study. The call is for men of liberal culture, and it has been found that academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four years course has been instituted. It is not to be expected that this will prove a full equivalent of a collegiate and a professional course combined, but it permits the introduction of branches not strictly professional, yet of a fundamental character, and of the highest disciplinary value. There can be no doubt of the advantage of pursuing such branches where they are made to point continually to professional uses. It is believed that four years spent in a single institution, where the studies are made to succeed each other in logical order, and with constant reference, and in due subordination to the requirements of the profession, must be more profitable than any other possible disposition of the time. Thus, not only is time, that important factor in education, gained, but it becomes possible to utilize the whole energy of the student, and to give a practical direction and a new impetus to all of his efforts. This course is therefore recommended to all who cannot avail themselves of a preparatory collegiate education.

# COURSE OF STUDY.

## FIRST YEAR.

*Rhetoric.*—Principles of Effective Speech; Rhetorical Analysis; Themes.

*Logic.*—Psychological Data; The Notion and Proposition; Deduction.

*Greek Language.*

*History.*—Biblical History and Geography.

*German Language.*

*Hebrew Language,*—with Selections in Prose and Poetry.

## SECOND YEAR.

*The Greek of the Gospels.*

*Rhetoric.*—Studies in English Oratory; Analysis of Arguments.

*Logic.*—Induction; Definition; Logic of the Sciences; Fallacies.

*Psychology.*—The Intellect, its Function, Development, and Faculties; Historical Statement of the Leading Questions of Mental Philosophy.

*German Language.*

*History.*—Ancient and Modern Church History.

*New Testament.*—Introduction to Study of the Gospels; Principles of Interpretation; Exegesis; Exegetical Essays by the Class.

*Homiletics.*—History of Preaching; Analysis of the Sermon.

*Old Testament Literature.*

## THIRD YEAR.

*Psychology.*—Facts of the Moral Nature; Ethical Theories; The Will; Christian Ethics.

*History.*—History of Doctrines.

*Exegesis.*—Study of Selected Epistles; Exegetical Essays by the Class.

*Theology.*—Systematic Theology.

*Homiletics.*—Study of Sermons; Composition and Delivery of Sermons.

*Christian Evidences.*

*Old Testament.*—Questions relating to Criticism and Interpretation.

## FOURTH YEAR.

*Theology.*—Systematic and Comparative; Distinctive Doctrines of Universalism.

*Natural Theology.*—Nature and Grounds of the Theistic Arguments; Special Studies with reference to the Evidences of Order and Design; Analogy of Nature and Religion; Relations of Science and Christianity.

*Homiletics.*—Composition and Delivery of Sermons; Practice in Extemporaneous Speaking.

*Church Government.*—Polity; Membership and Offices of the Church.

*Pastoral Theology.*—Pastoral Care; Ordinances of Worship; Systematic Beneficence; the Christian Spirit and Life.

*Old Testament.*—History of the Jewish People and Religion.

Essays and Sermons.—In each department of study, students are required to write essays on the most important topics. The members of the two upper classes prepare sermons, and preach in turn before the class. Criticisms in public and private.

Examinations.—Written reviews are held at regular intervals in all departments. At the end of each half-year, students are subject to a public written examination upon the work of the term.

Elective Studies.—Graduates, undergraduates sufficiently advanced, and other persons desirous of pursuing special studies, may receive instruction in such subjects as the following: Theology, Philosophy, Homiletics, General History, French, Biblical Philology, Chaldee, Arabic, Syriac, Inscriptions in Semitic Languages, Rabinical Literature, Egyptian Hieroglyphics. Students are also permitted to attend lectures in the Academical department, subject, however, to the discretion of the Faculty.

Devotional Exercises.—Devotional services are held daily in the chapel; also, weekly evening meetings for conference and prayer.

Societies.—There are two literary associations open to students, one organized from the side of the Academical department, the other from the side of the Theological department. These societies hold weekly meetings for literary criticisms, debates, orations, etc.

Libraries.—Students have free access to the general library of the College, also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

General Facilities—Important facilities for general improvement are offered to students by the proximity of the school to such intellectual centres as Boston and Cambridge. Valuable libraries and cabinets are made accessible. Elaborate courses of lectures on scientific, social, and literary subjects, are presented to the public from time to time. The most noted divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

COURSES, DEGREE, ETC.—The Full Course occupies three years for Bachelors of Arts; for all others, four years. The Special Courses occupy respectively, one, two, and three years. Diplomas certifying to attainments are conferred upon those who have taken one of the Special Courses. The Degree of BACHELOR OF DIVINITY is conferred upon those who sustain satisfactorily an examination upon the studies of the Full Course.

ROOMS AND EXPENSES.—The rooms assigned to the Divinity Students, are in the West Hall, recently built, and are large, well-ventilated apartments. Each Study is provided with suitable furniture; and the bed-room adjoining each study is furnished with bedstead, bureau, etc.

Tuition, room-rent, and use of furniture, free. Board, about three dollars per week. The necessary school expenses, including board, washing, fuel, lights, text-books, etc., will not exceed two hundred dollars per year.

THE GREENWOOD SCHOLARSHIP.—The income of one thousand dollars will be given as a Prize-Scholarship to some member of the Divinity School, for excellence in such department of work as the Faculty of that School shall determine.

The General Convention of Universalists aids students by a system of loans; and those in the regular course, who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

# CALENDAR.

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| 1879. | | | |
| Sept. | 18. | Term begins, | Thursday morning. |
| Sept. | 21. | Russell Lecture, | Sunday, 4 P.M. |

*Recess from the day preceding Christmas to the day following New Year's, both inclusive.*

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| 1880. | | |
| May | 19. | Commencement Parts assigned, Wednesday. |
| June | 6. | Sermon before Grad. Class Div. School, Sunday. |
| June | 8. | Prize Speaking and Reading, Tuesday, P.M. |
| June | 9. | Anniversary of the Divinity School, Wednesday. |
| June | 13. | Baccalaureate Sermon, Sunday. |
| June | 16. | Commencement, last Wednesday but one in June. |
| June | 17. | Examination for Admission begins Thursday, 9 A.M. |

SUMMER VACATION, THIRTEEN WEEKS.

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| Sept. | 14. | Second Examination for Admission, Tuesday, 9 A.M. |
| Sept. | 15. | Examination for Admission to the Divinity School. |
| Sept. | 16. | College Year begins, Thursday morning. |
| Sept. | 19. | Russell Lecture, Sunday, 4 P.M. |

NOTE.—Trains stopping at College Hill, leave the station of the Lowell Railroad, in Boston, at 6.45, 10, 11.30 A.M., 12.10, 3, 4.50, 5.10, 5.45, 6.30, 7.30 and 10.30 P.M. Return at 6.20, 7.20, 8.07, 9.22, 10.35, A.M., 1.35, 3.06, 4.20, 5.20, 6.45, 9.35, P.M. The College is four miles from Boston. Post-Office address, College Hill, Mass.

UNIVERSITY OF ILLINOIS-URBANA
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